

Fig. 1A
(Prior Art)

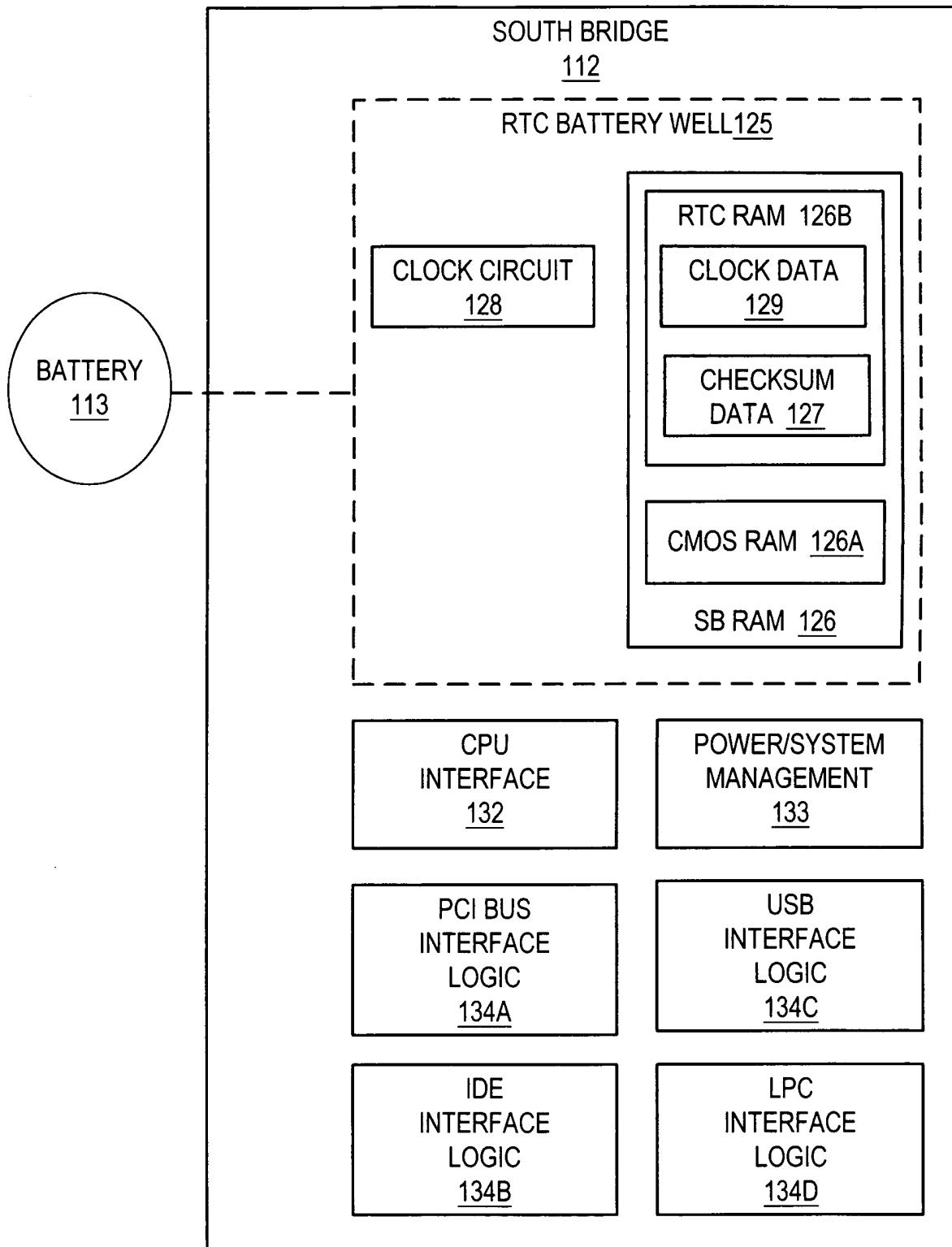


Fig. 1B
(Prior Art)

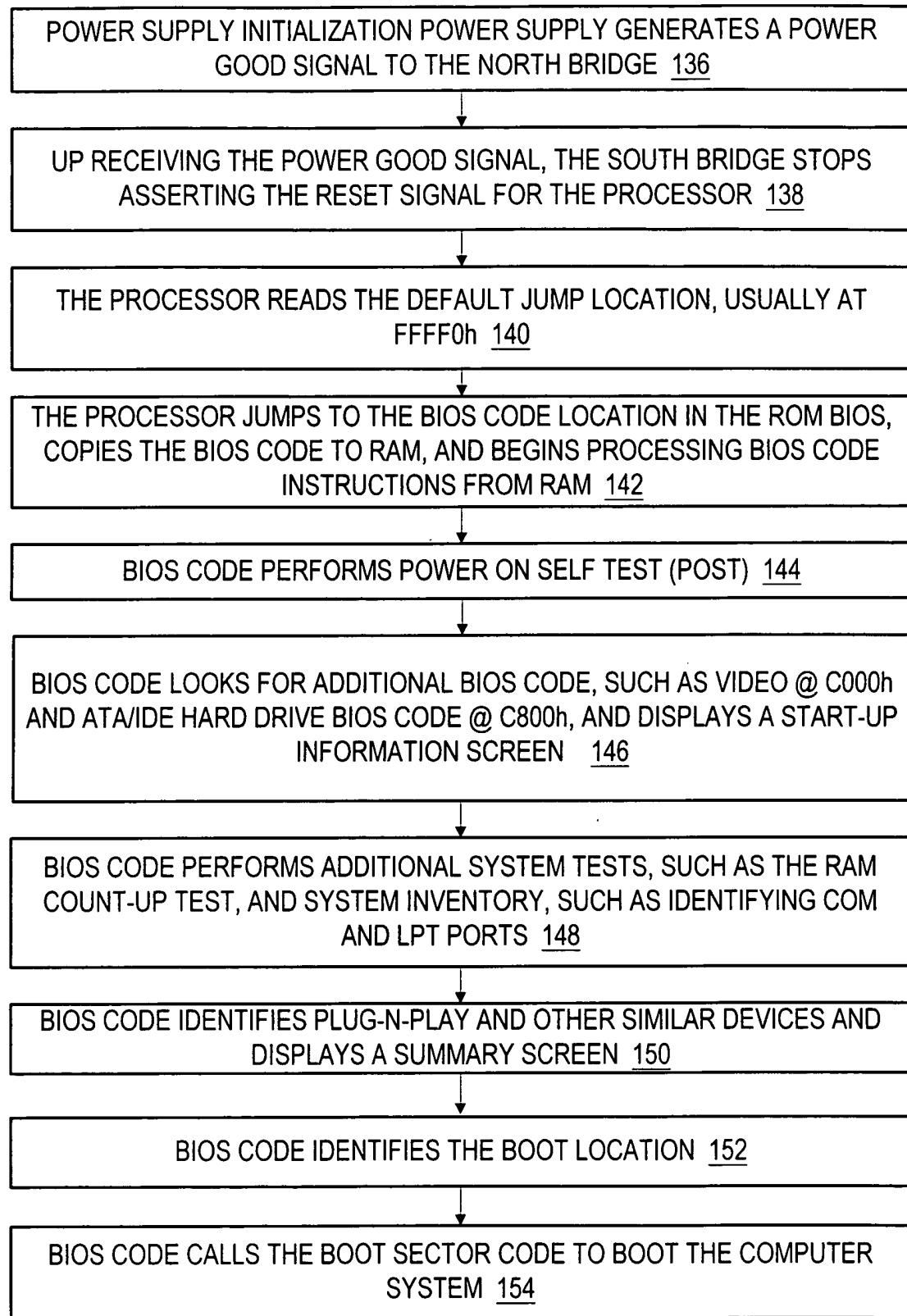


Fig. 2A
(Prior Art)

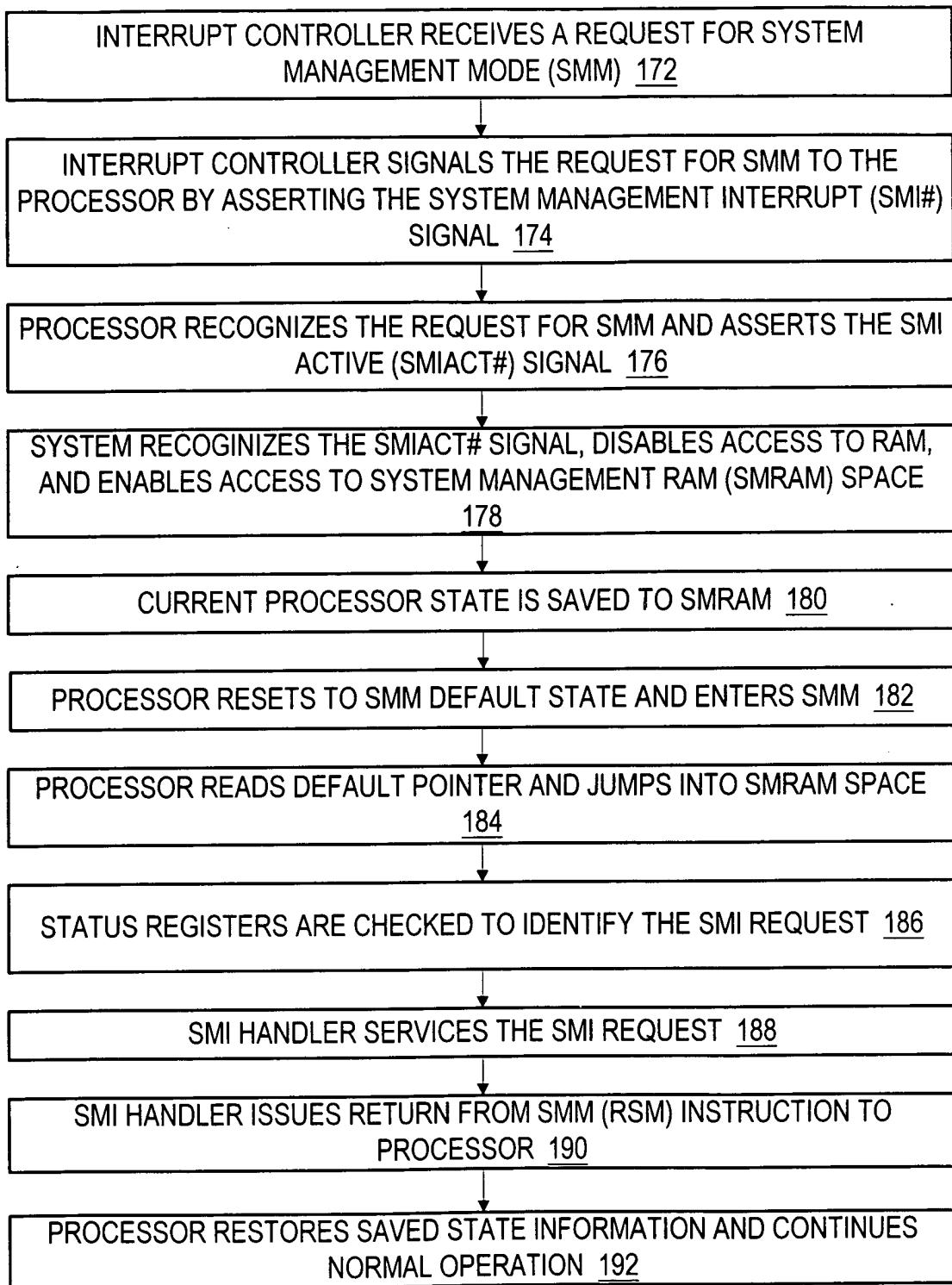


Fig. 2B
(Prior Art)

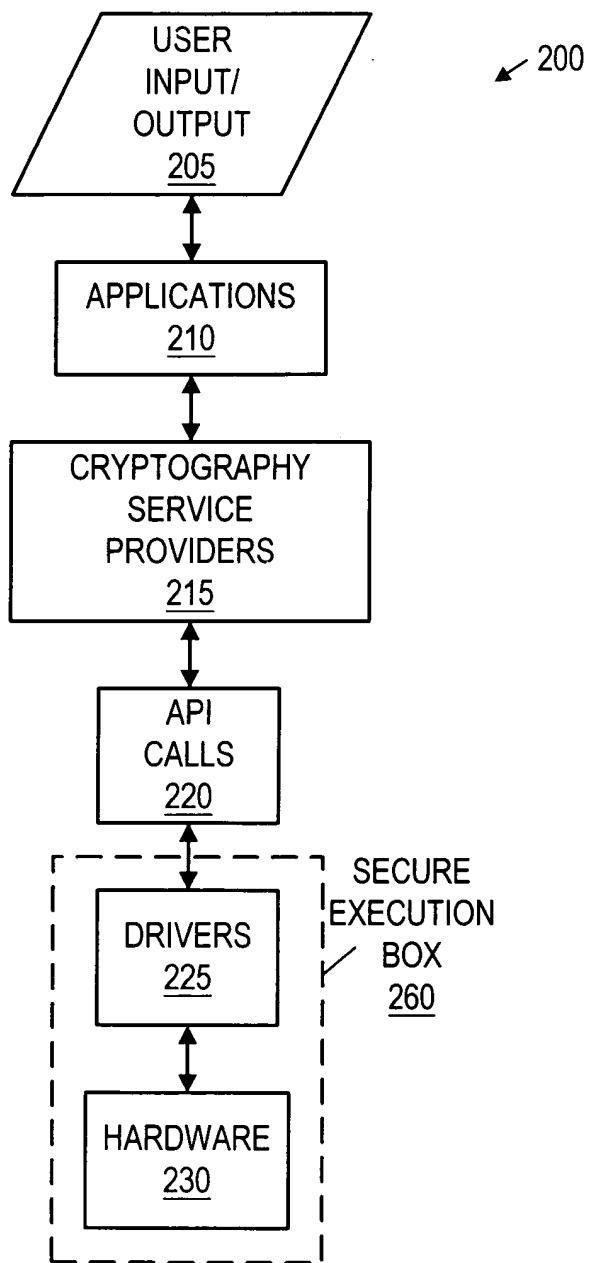


Fig. 3

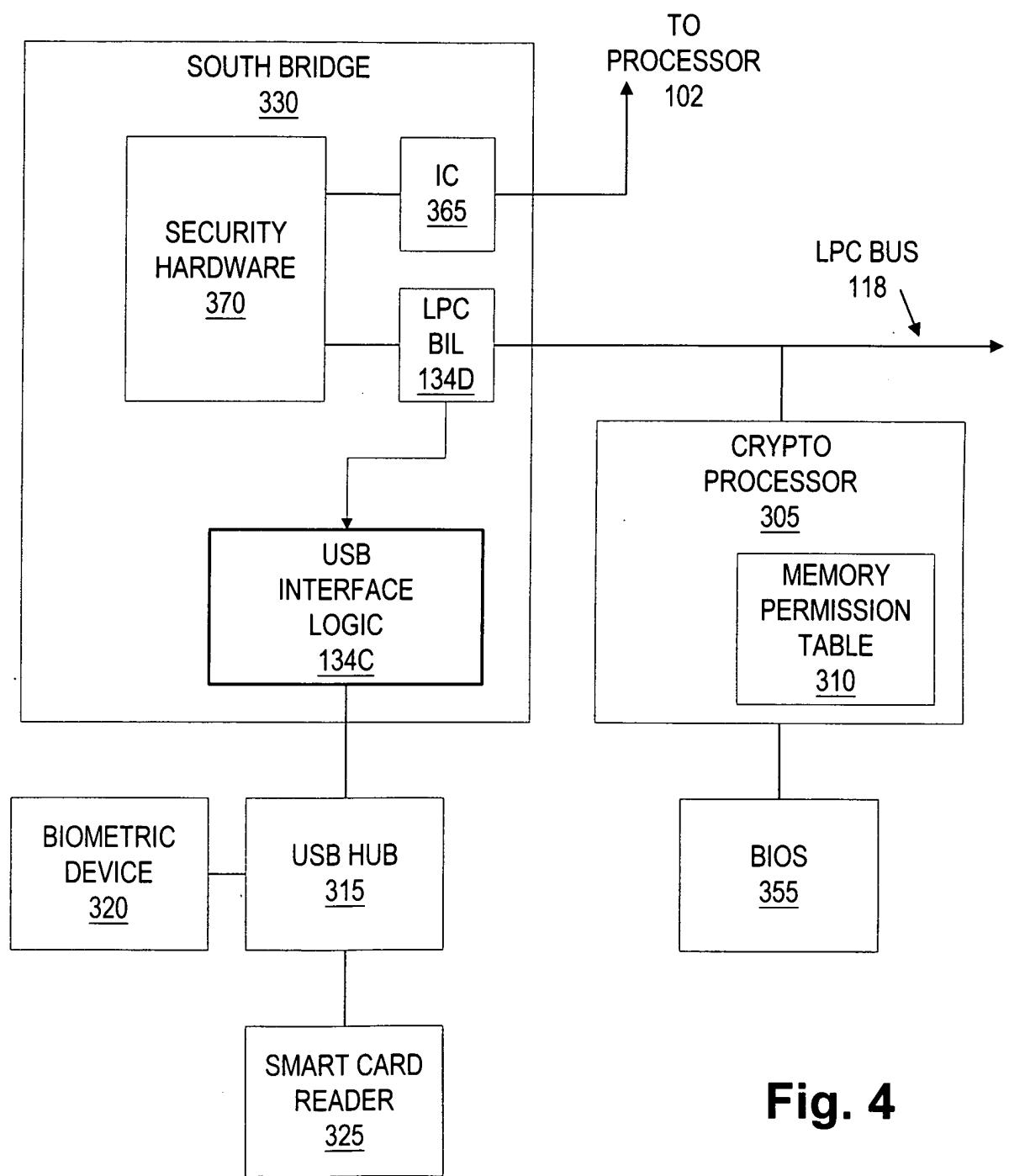
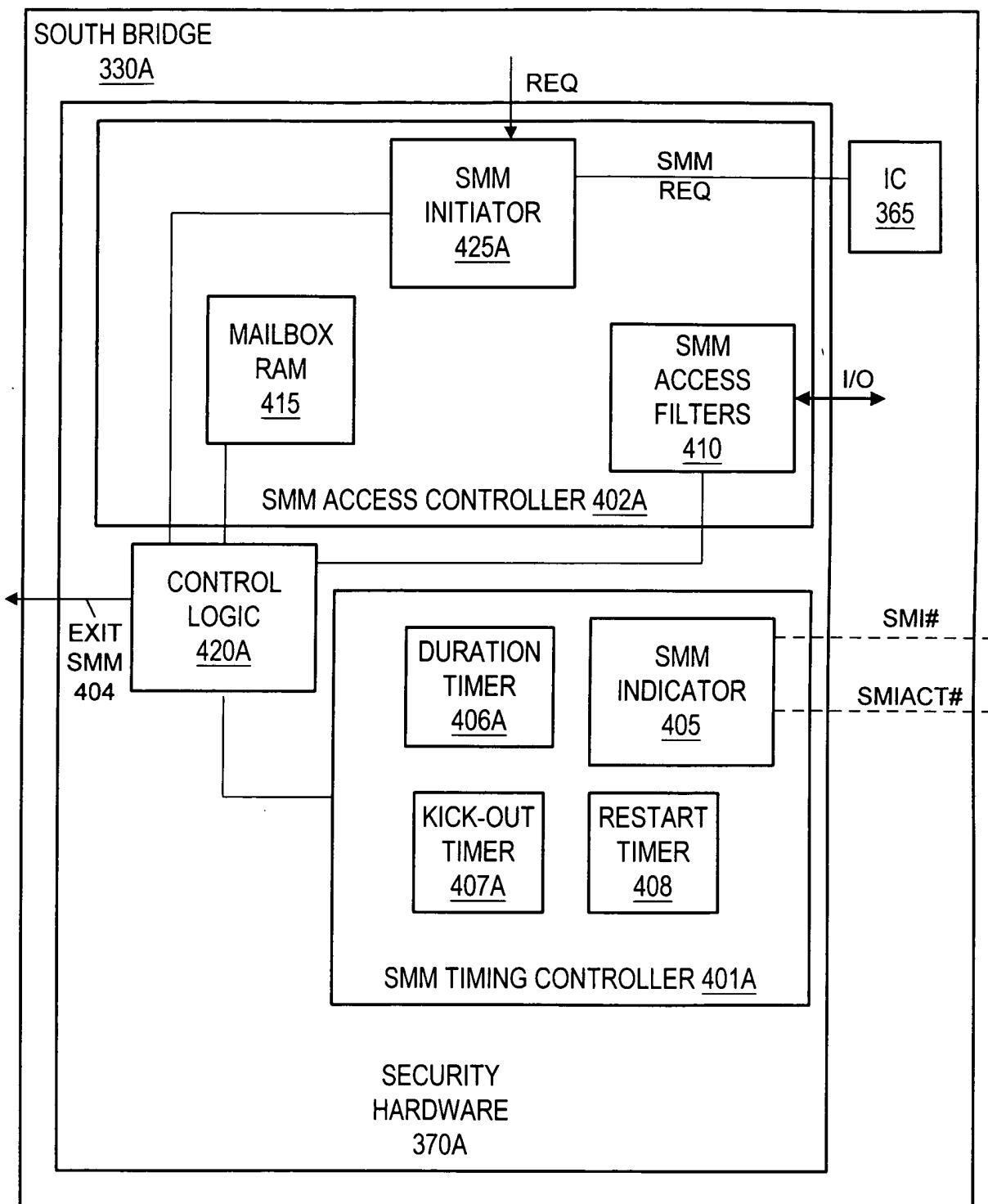
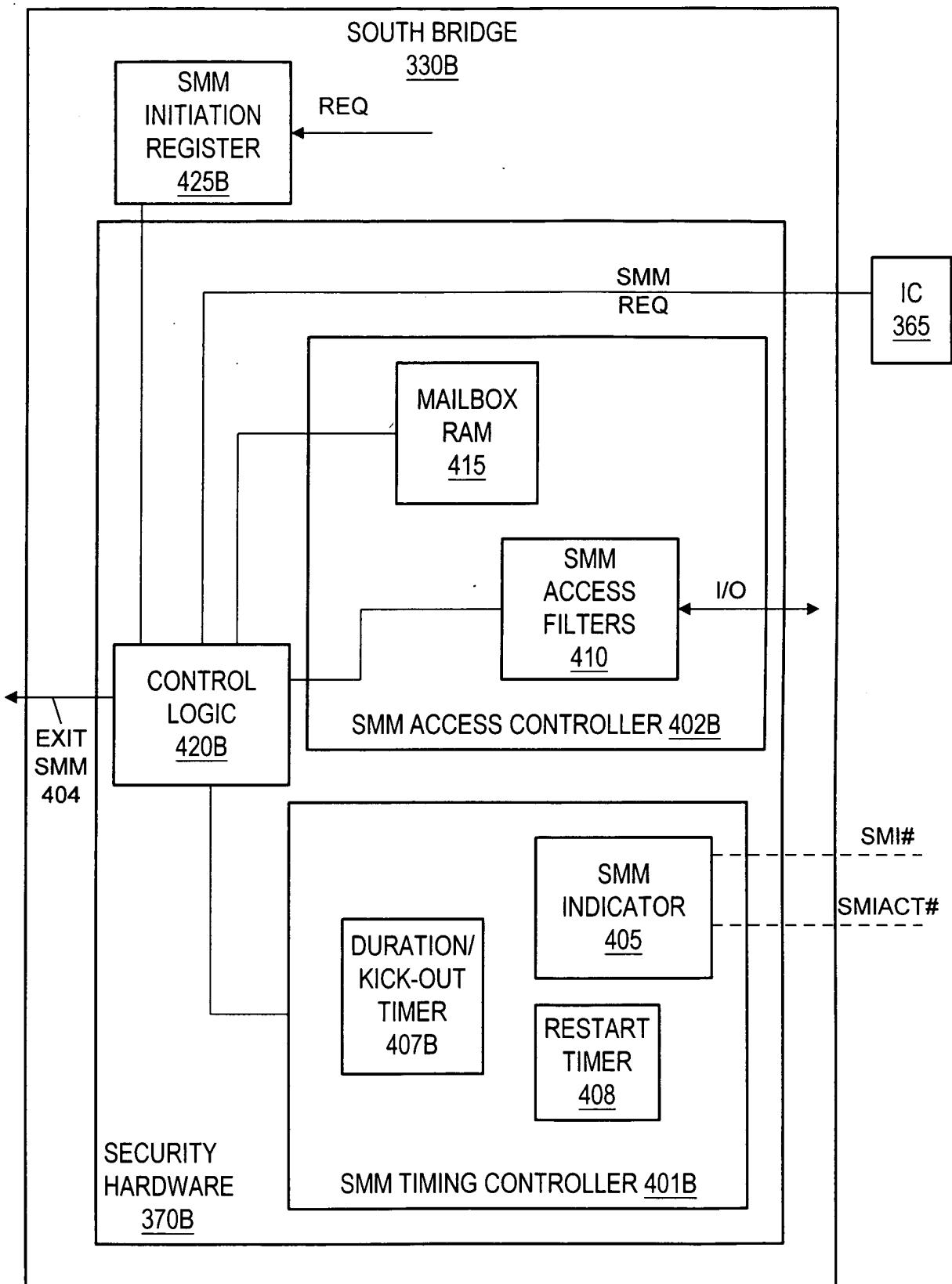


Fig. 4

**Fig. 5A**

**Fig. 5B**

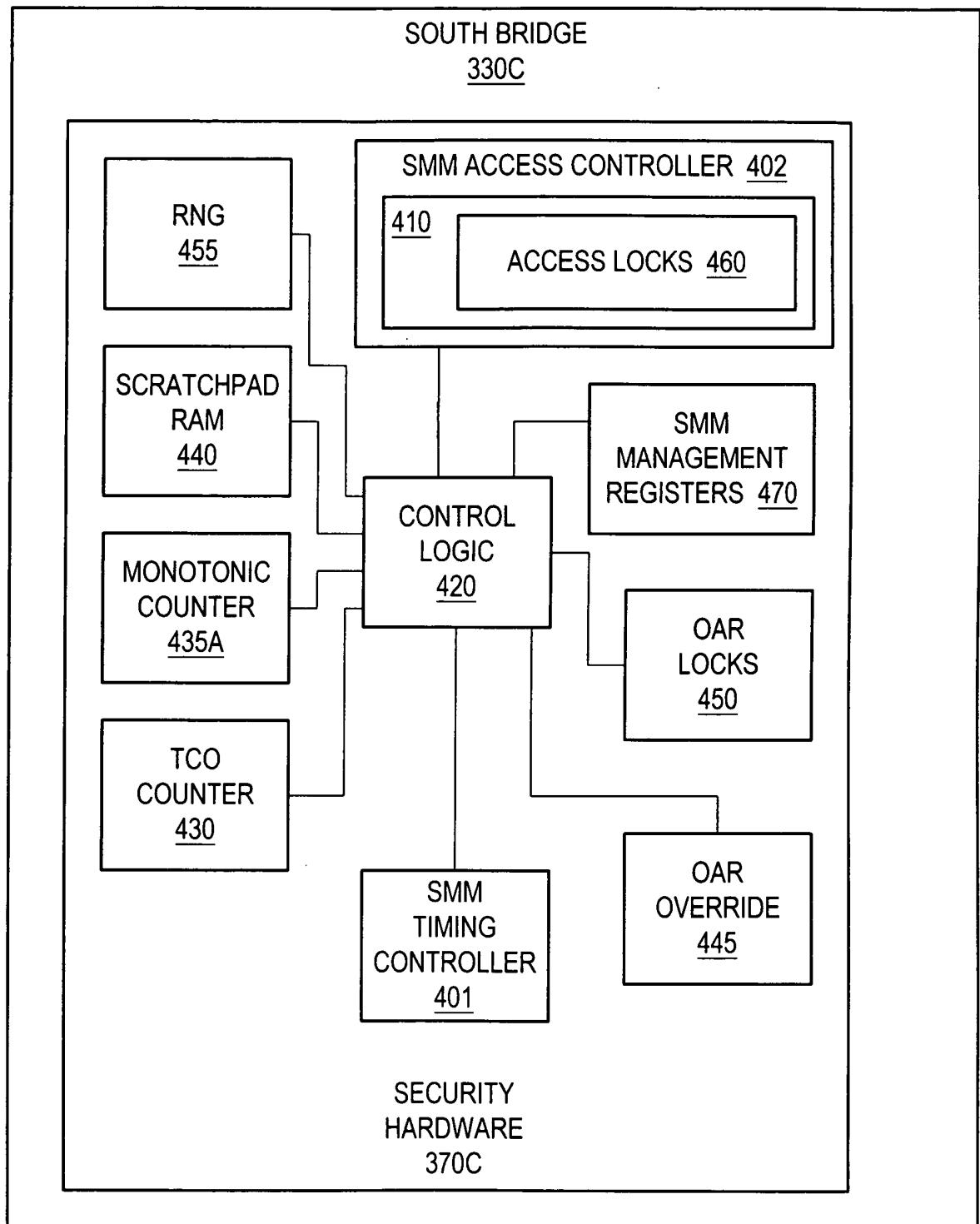


Fig. 6

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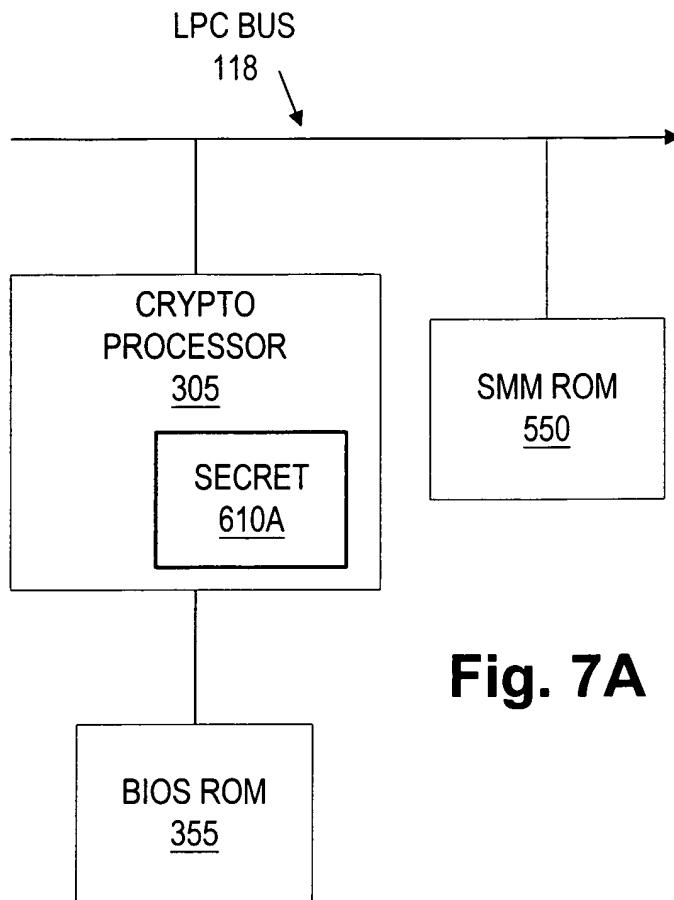


Fig. 7A

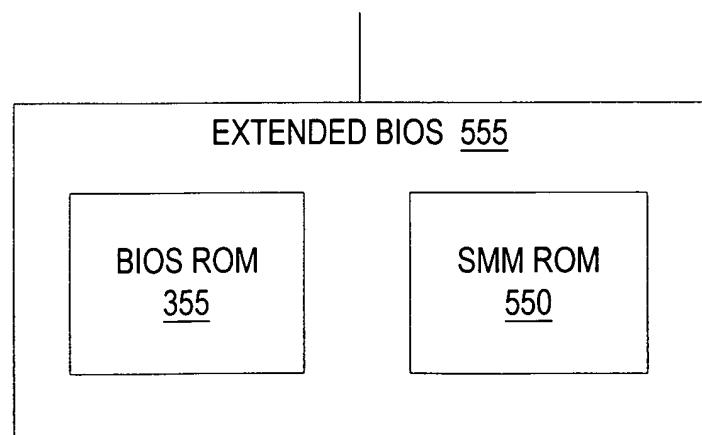


Fig. 7B

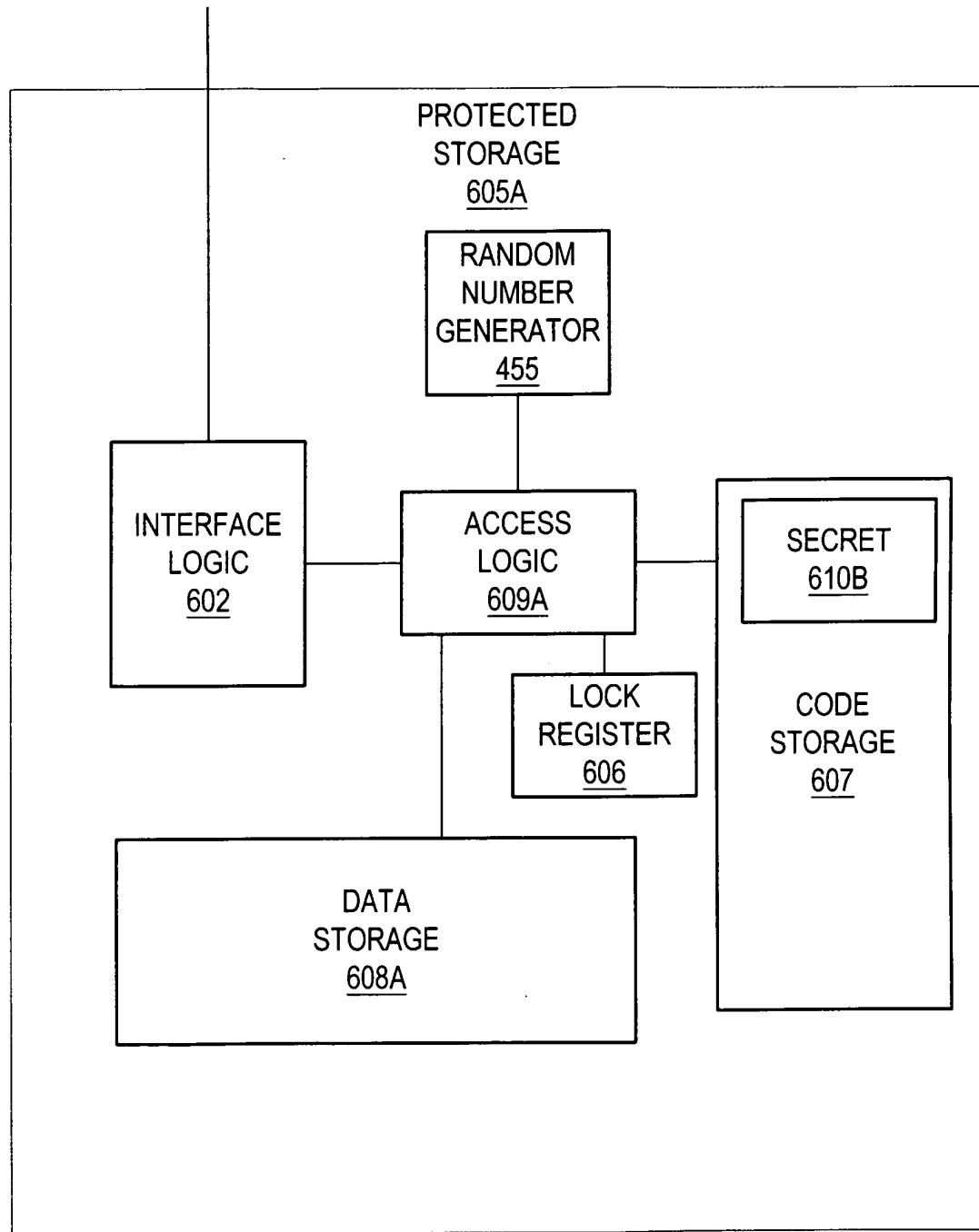


Fig. 7C

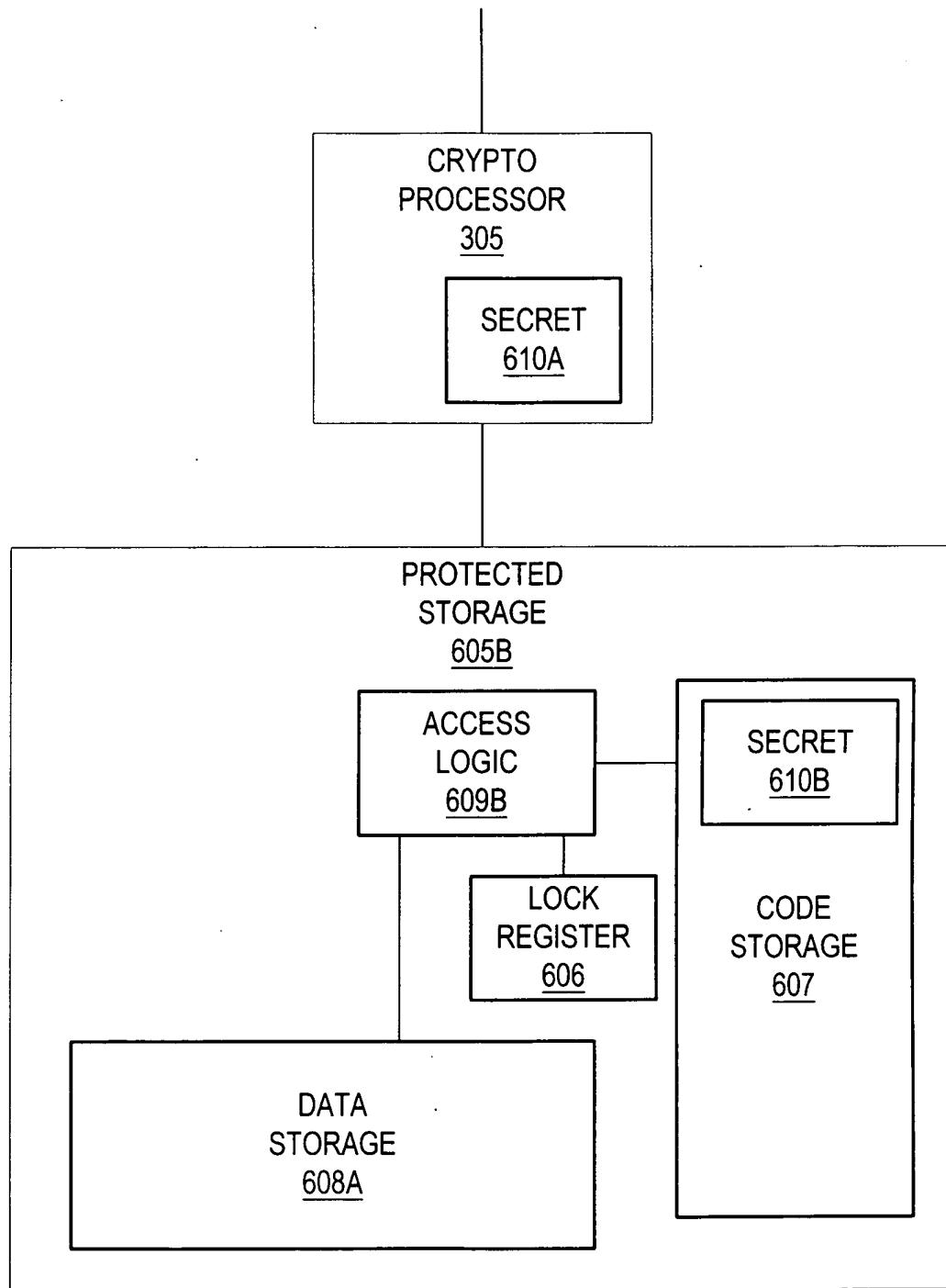


Fig. 7D

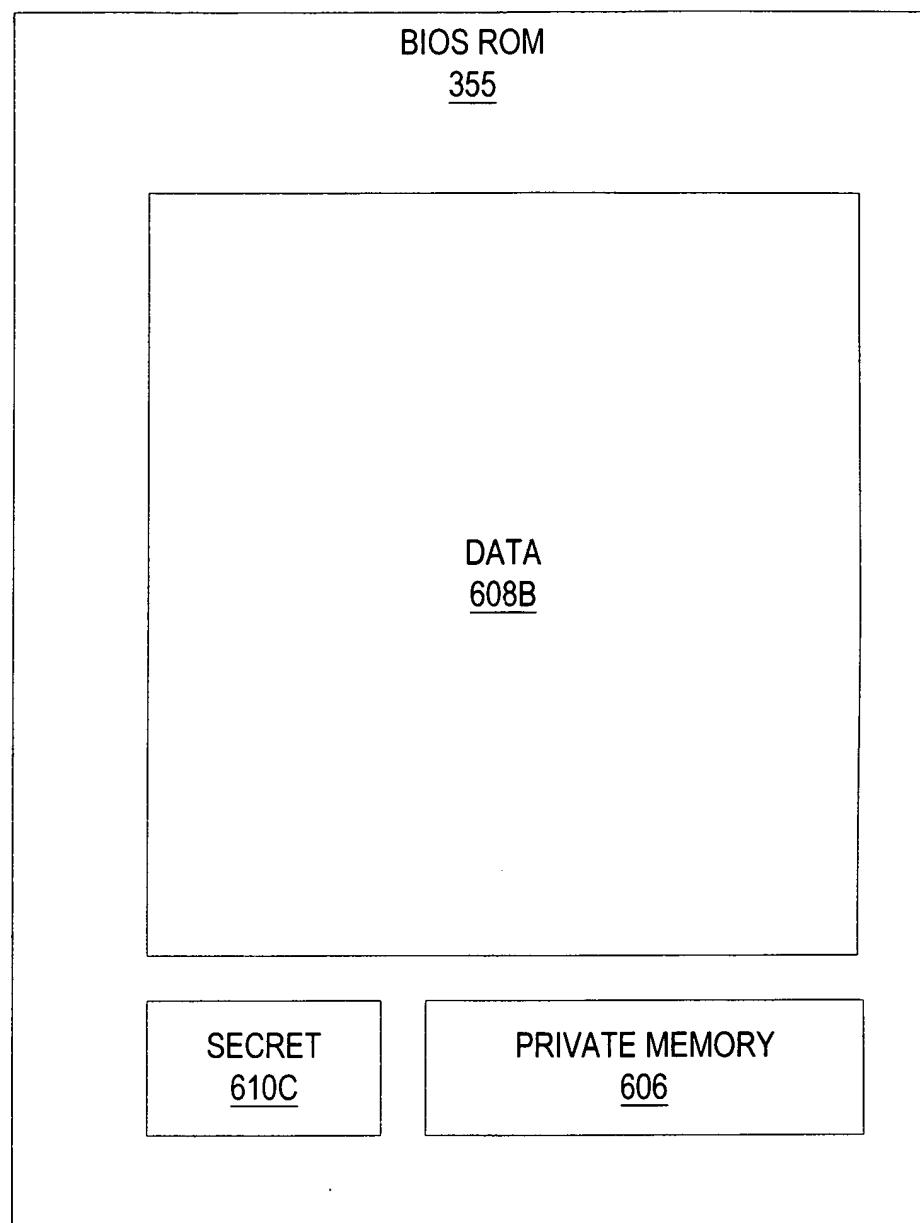


Fig. 8A

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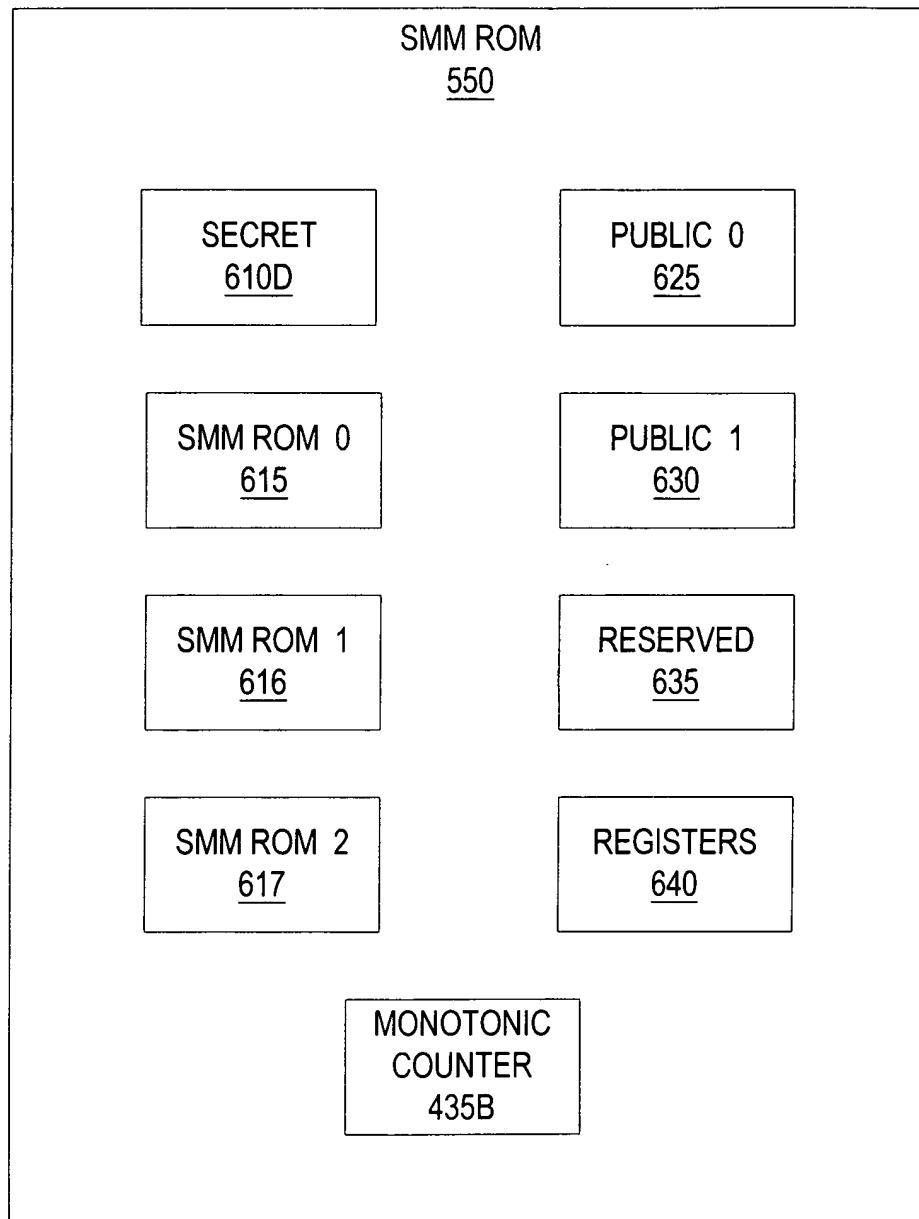


Fig. 8B

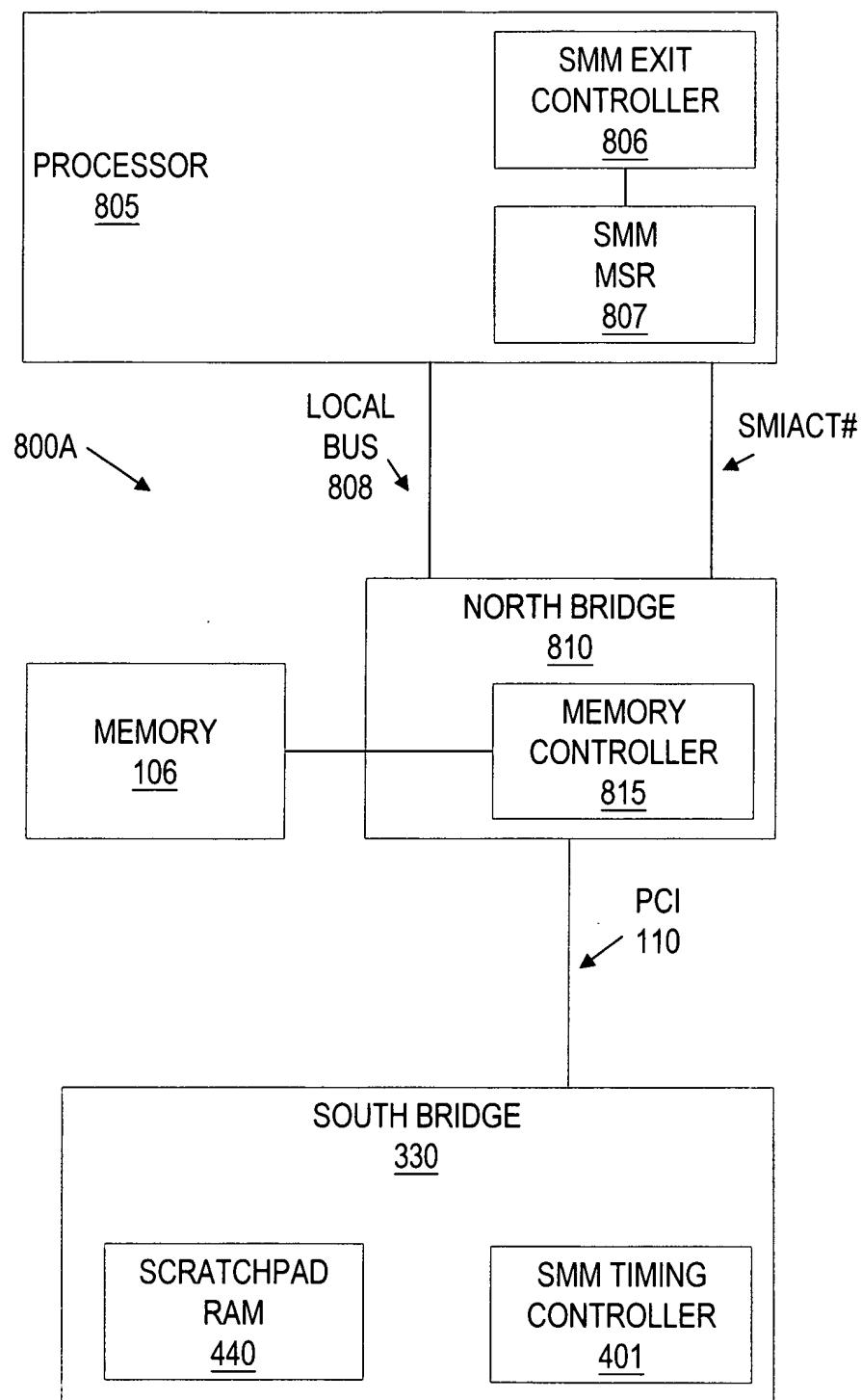
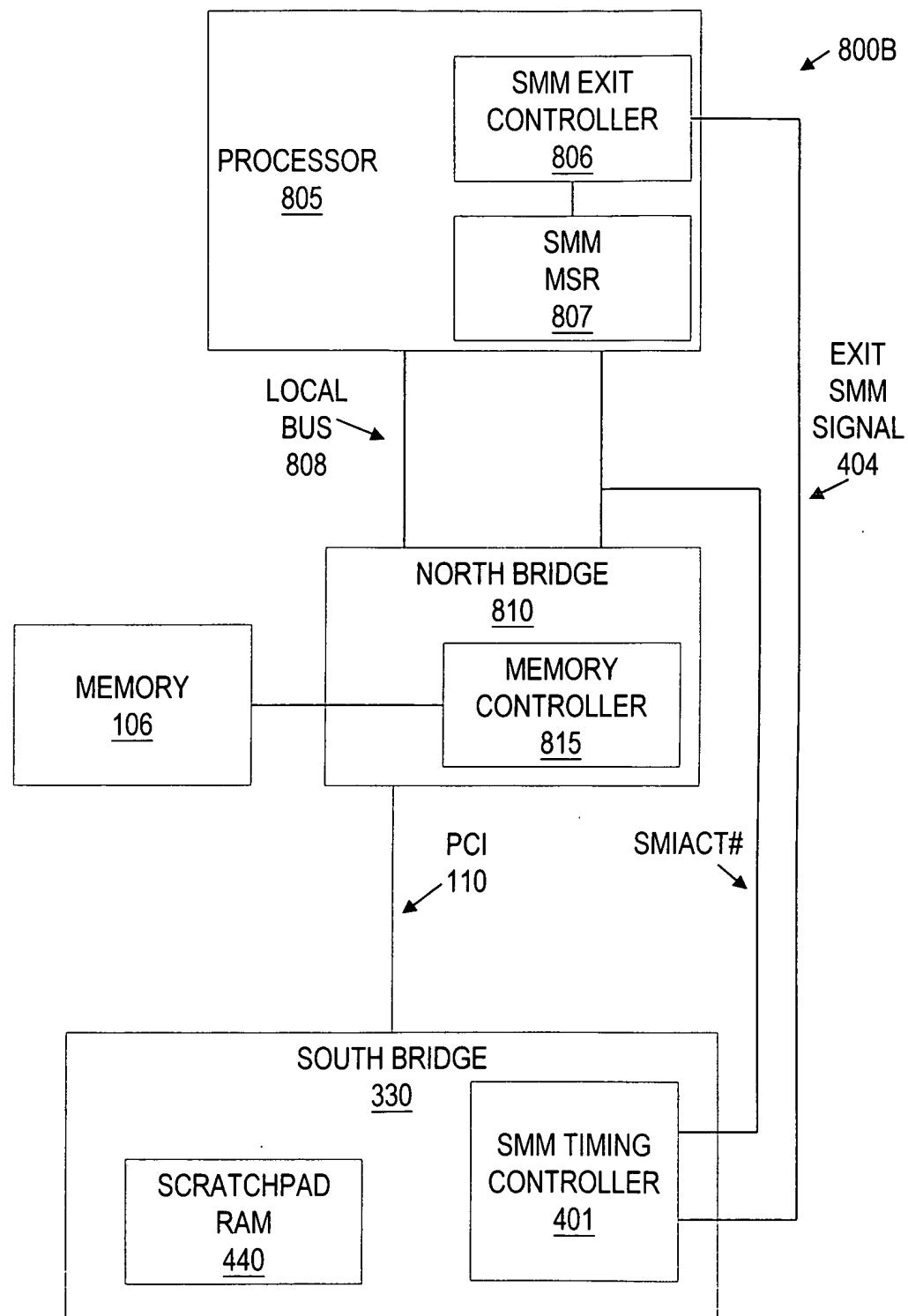


Fig. 9A

**Fig. 9B**

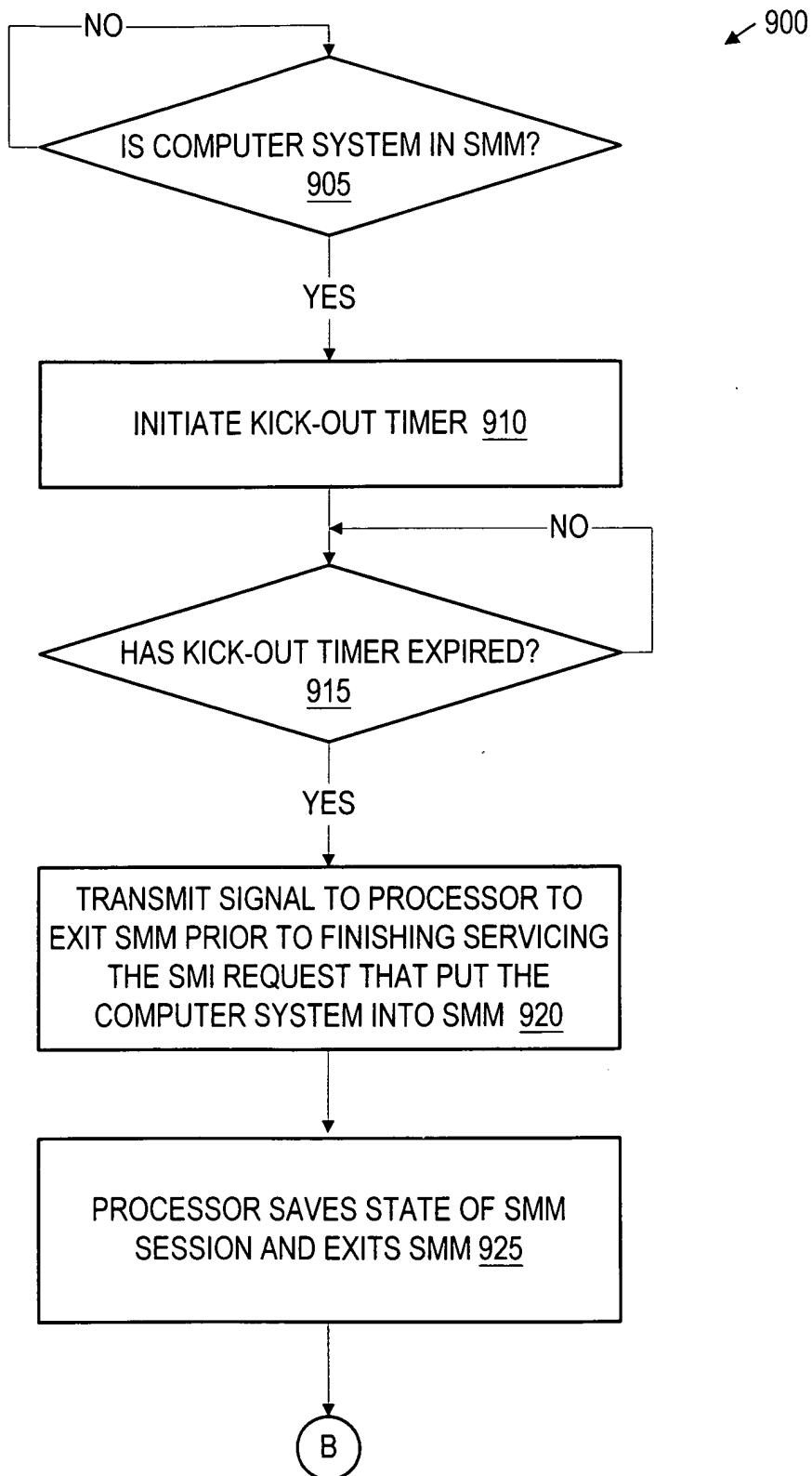


Fig. 10A

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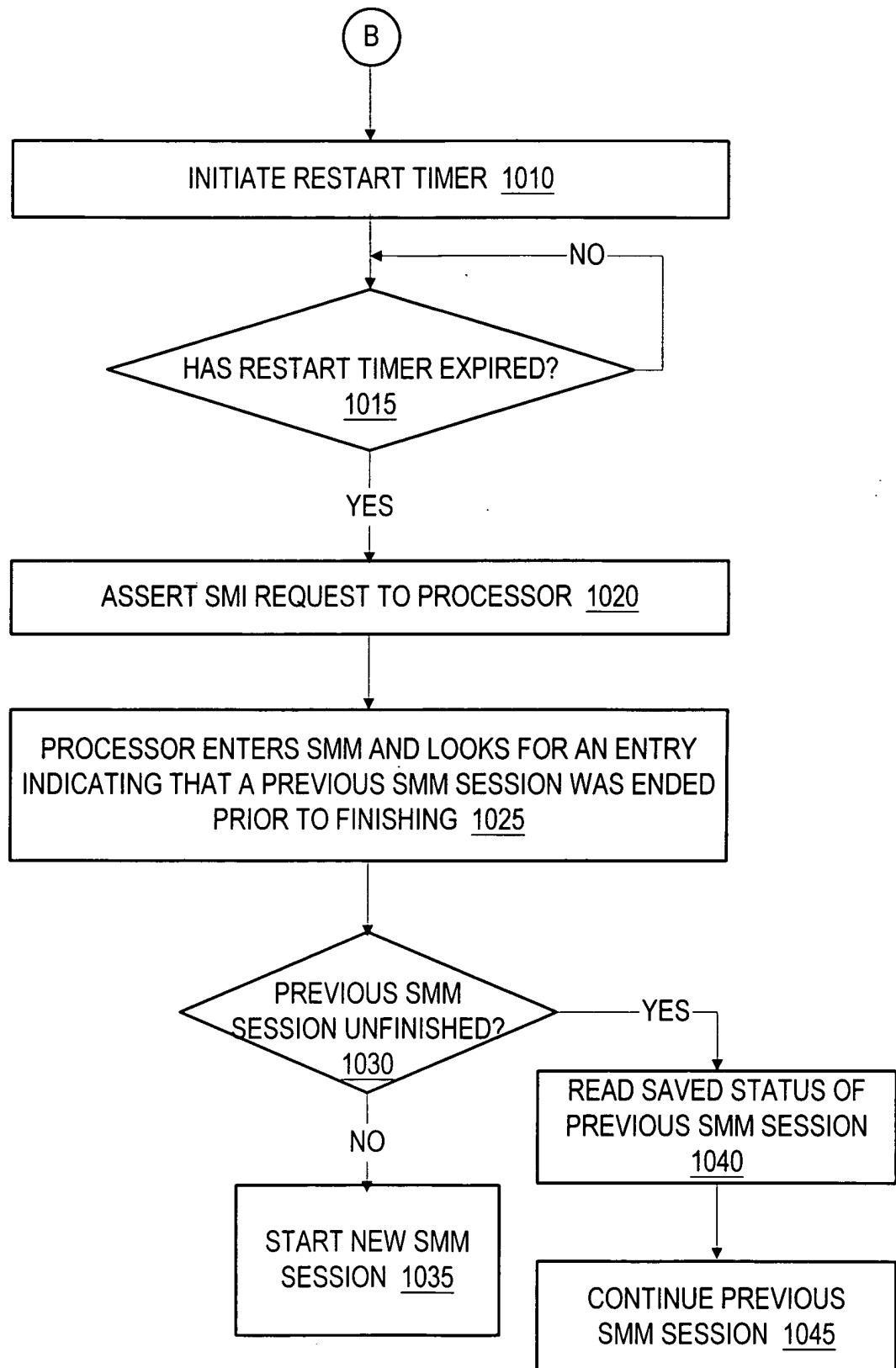


Fig. 10B

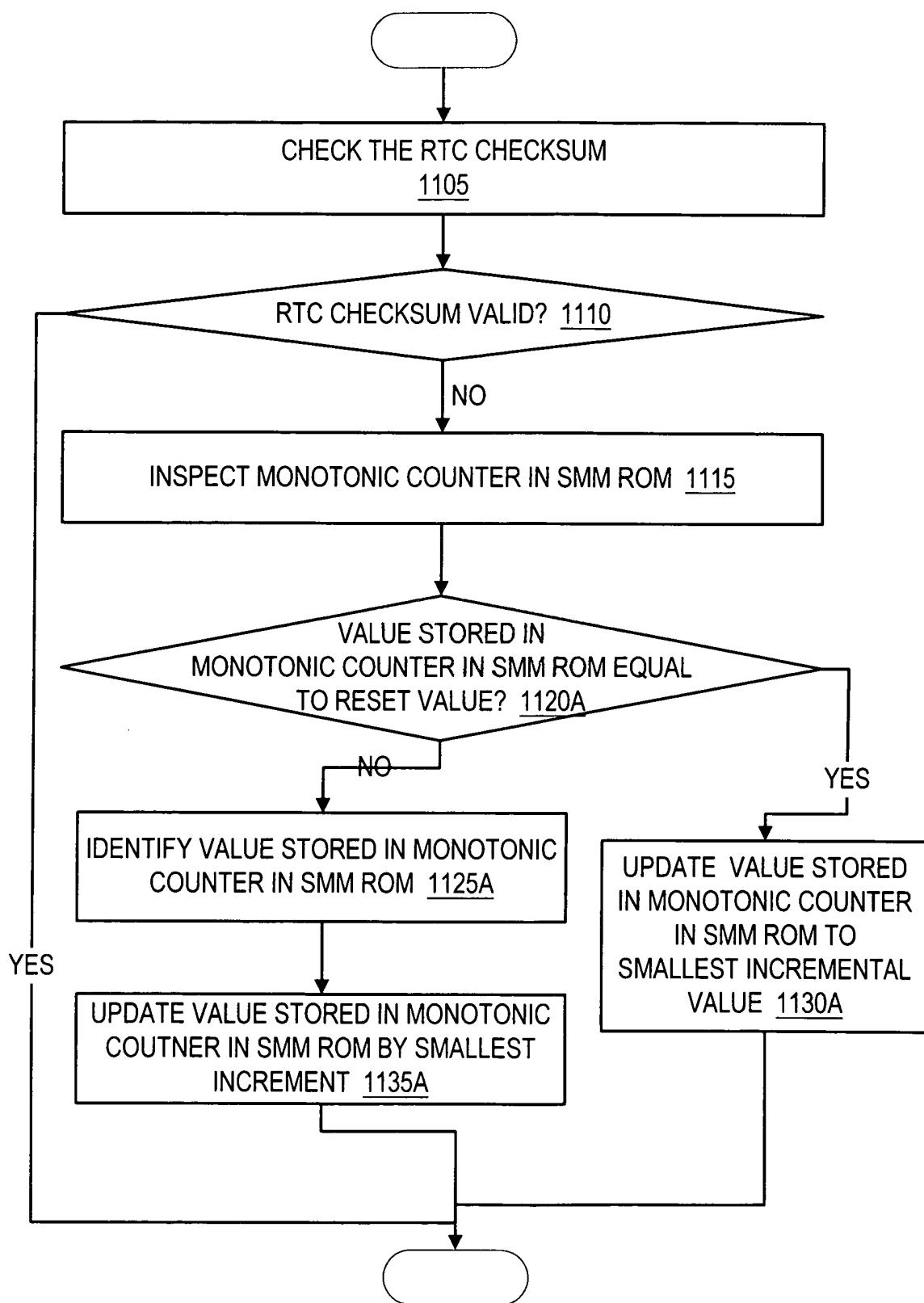


Fig. 11A

1100B

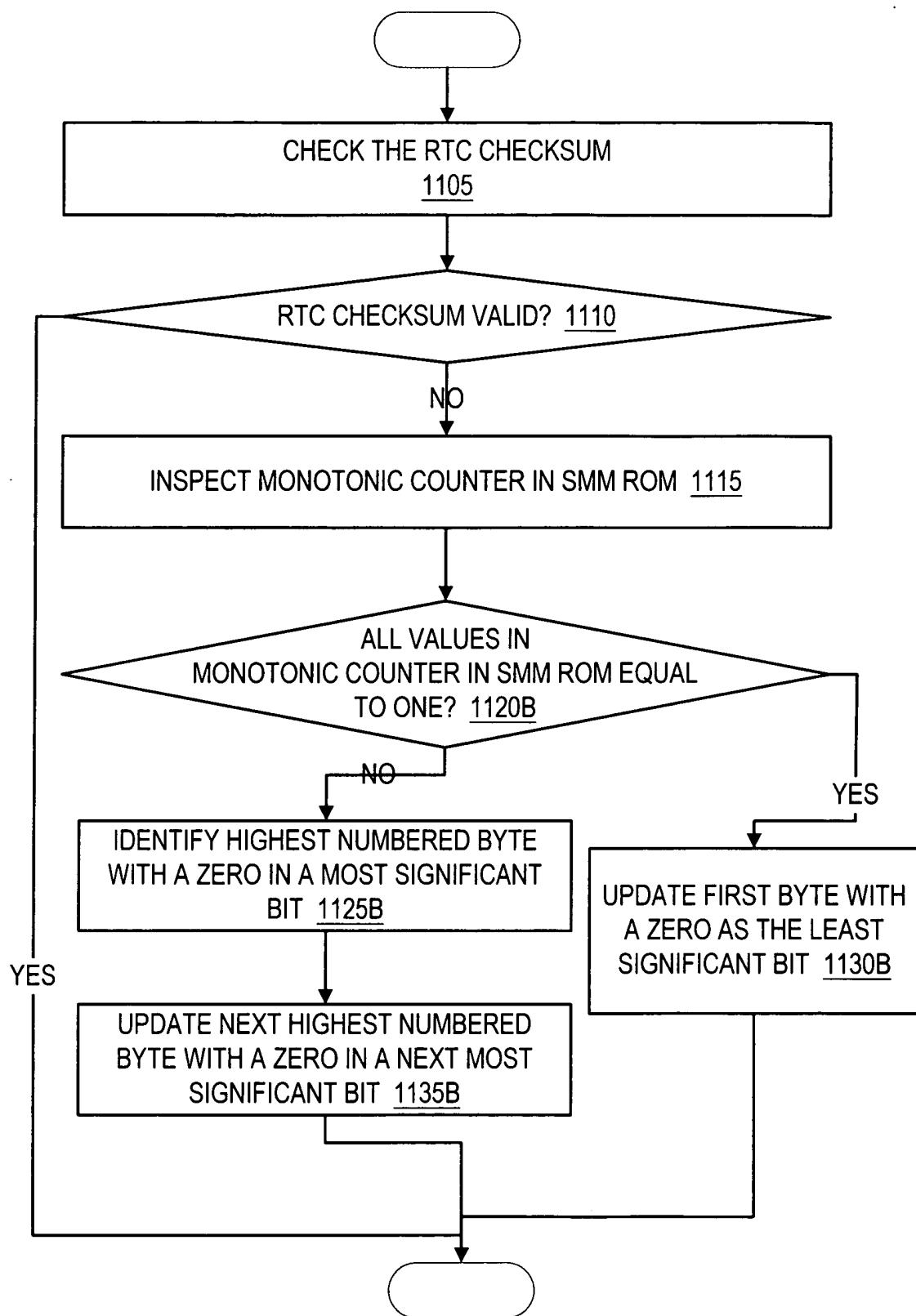


Fig. 11B

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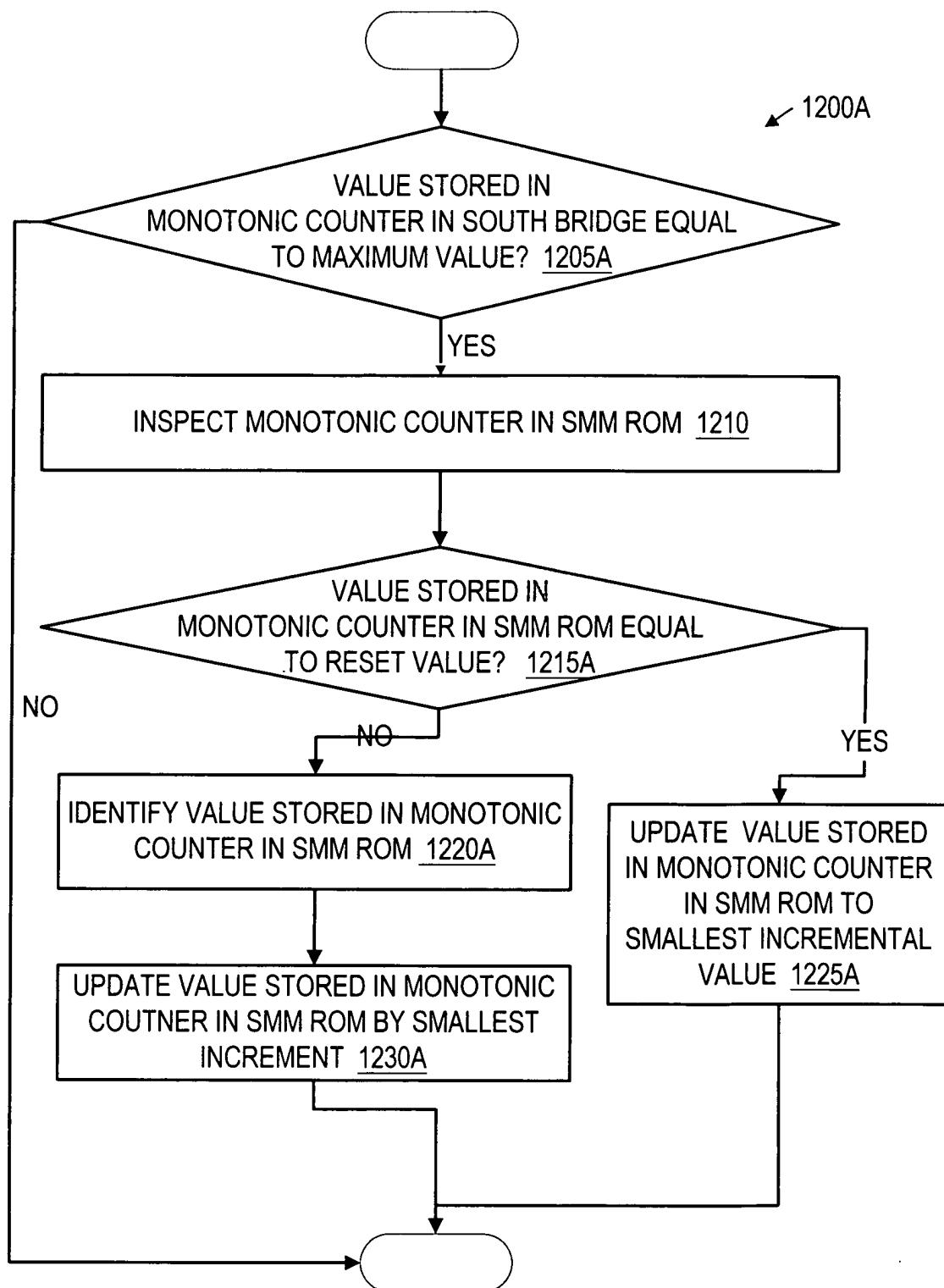


Fig. 12A

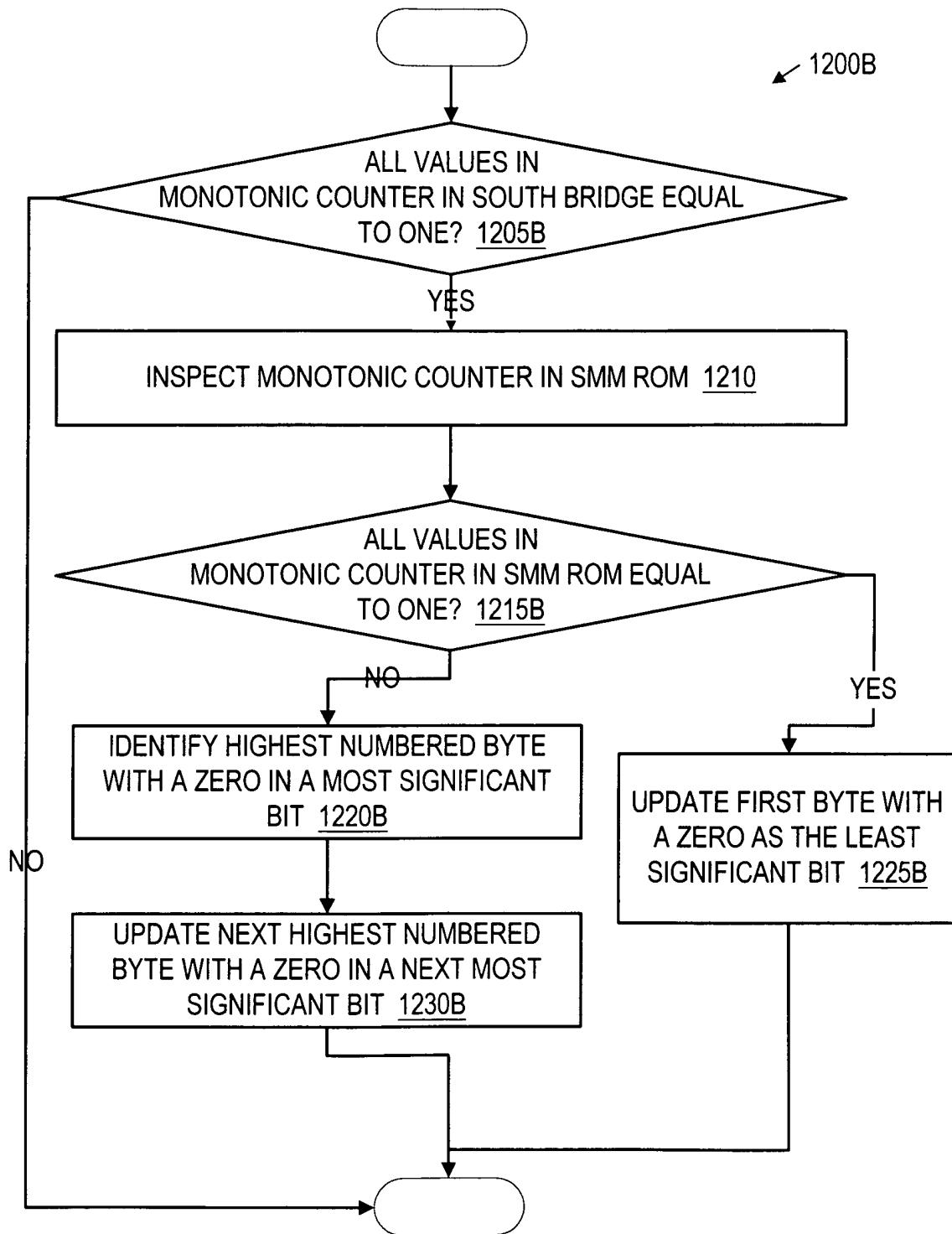


Fig. 12B

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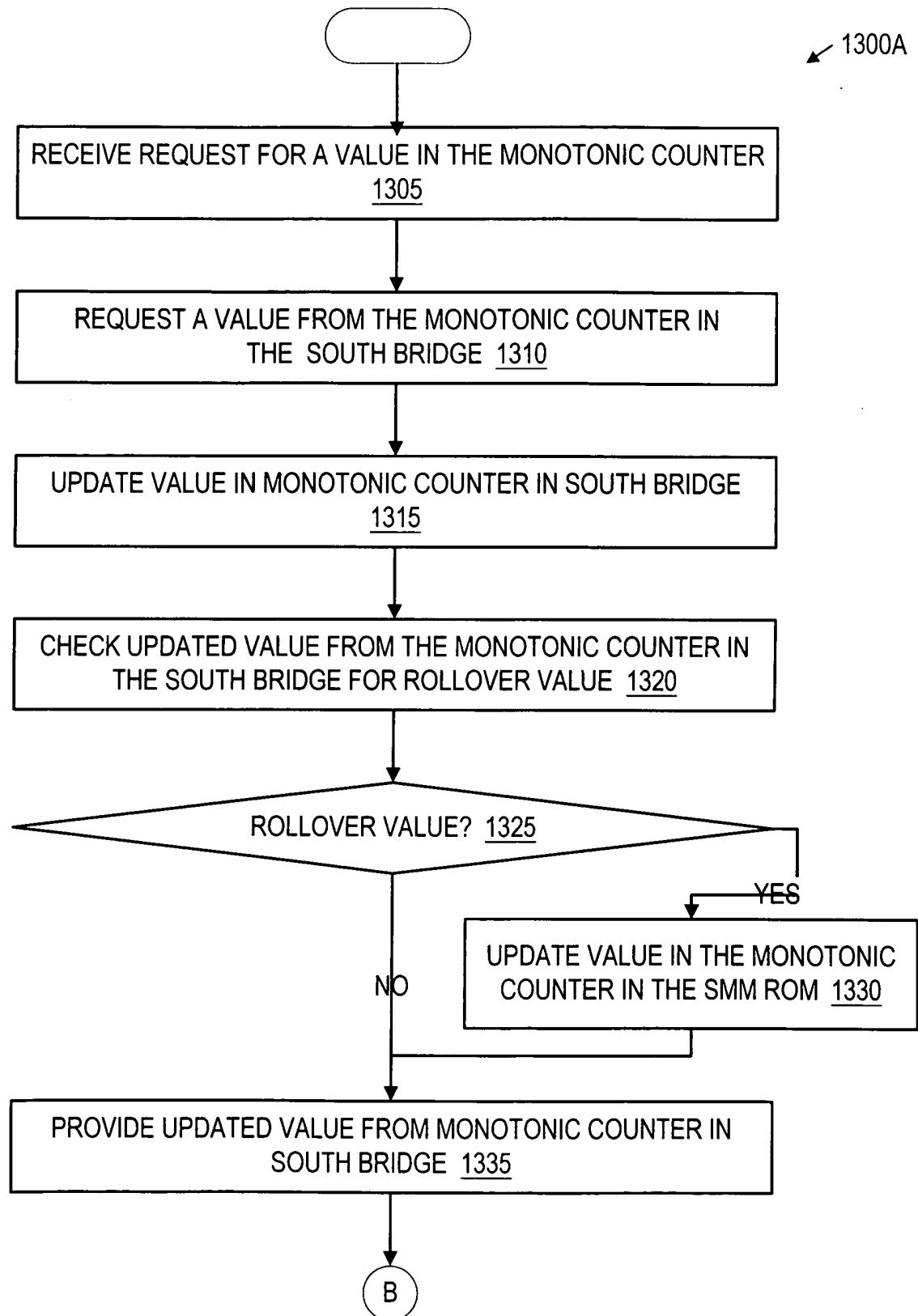


Fig. 13A

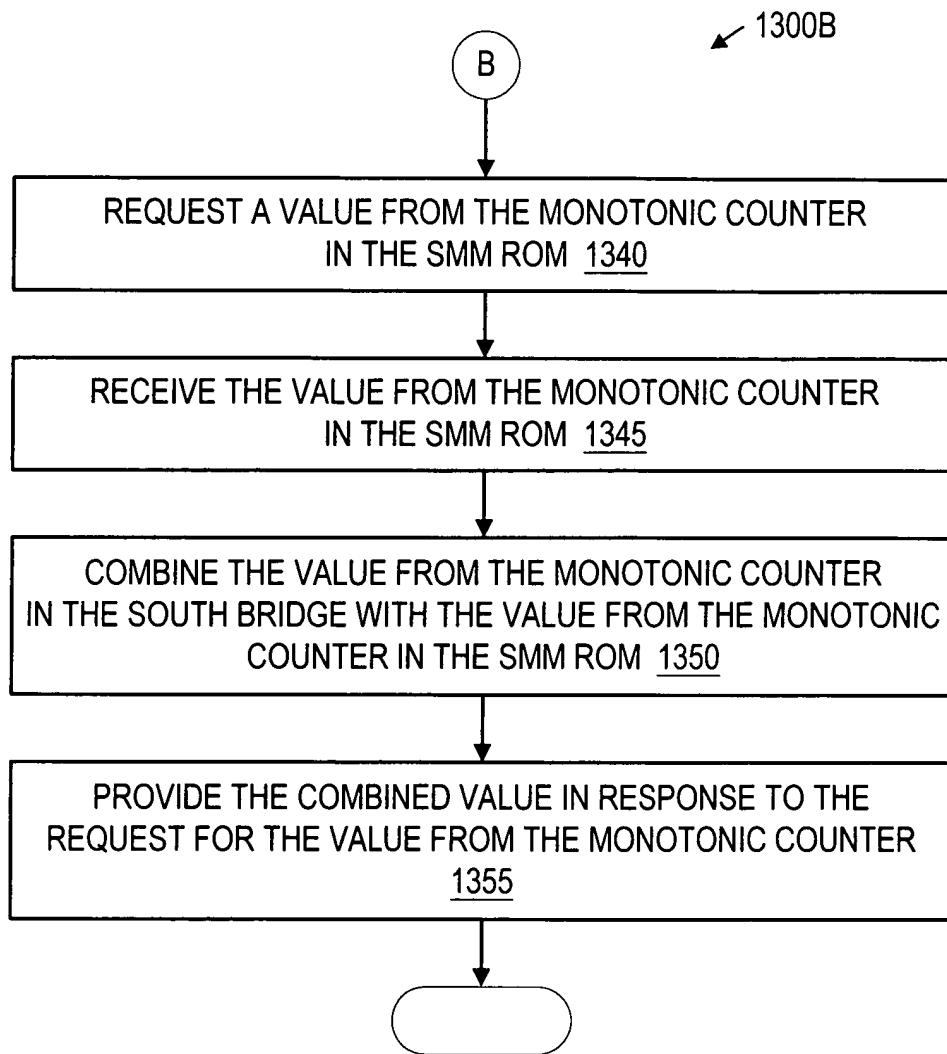


Fig. 13B

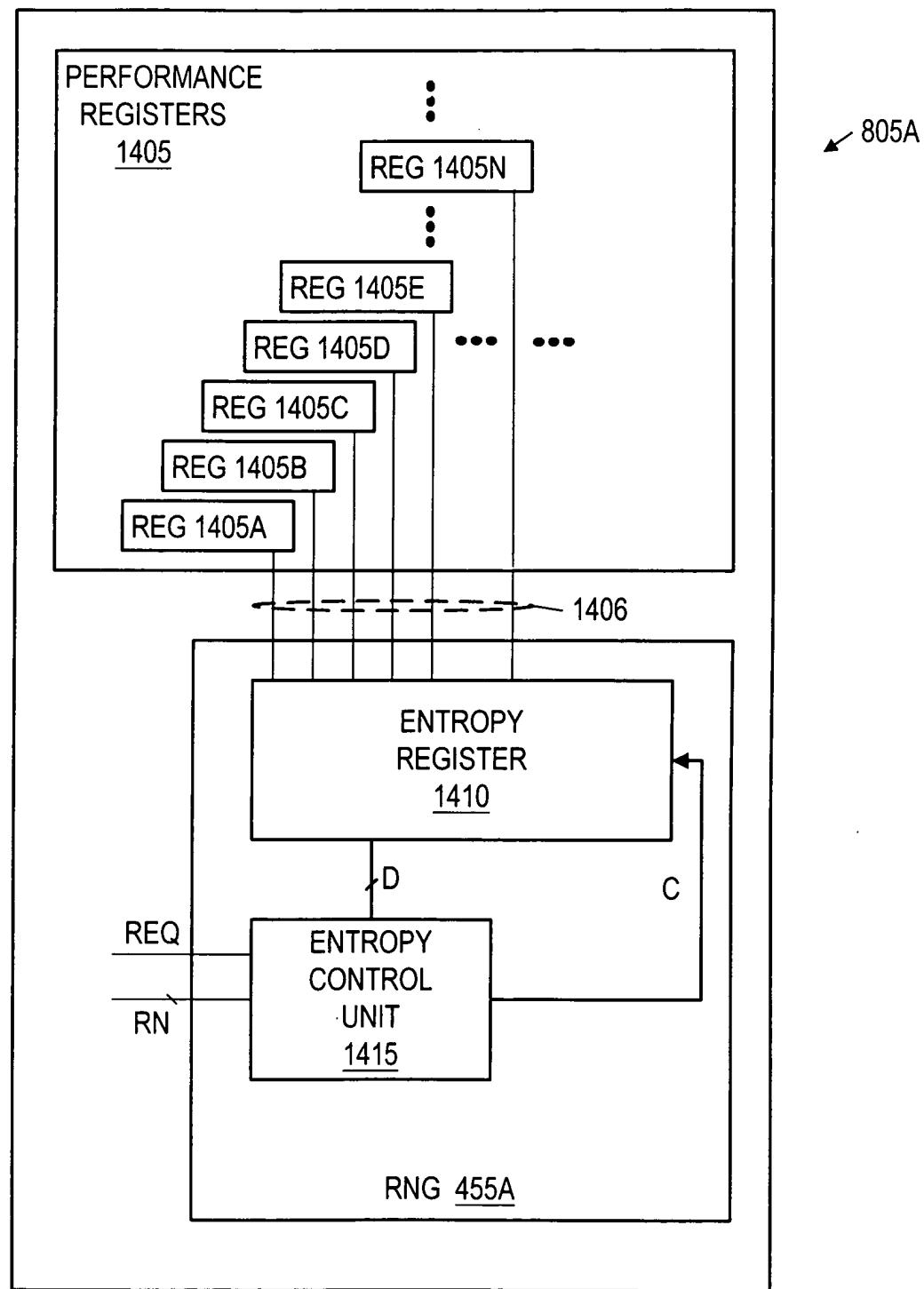


Fig. 14A

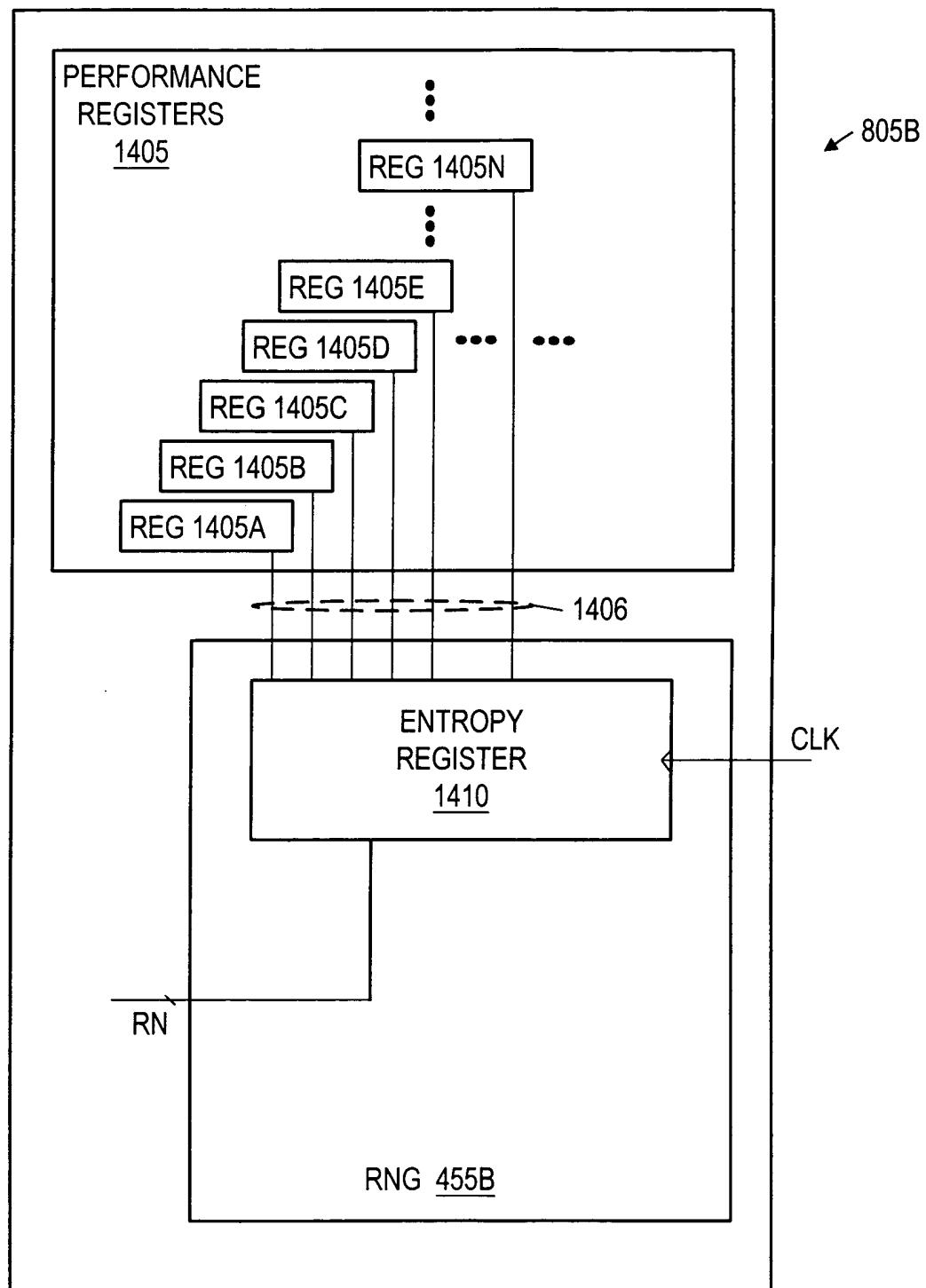


Fig. 14B

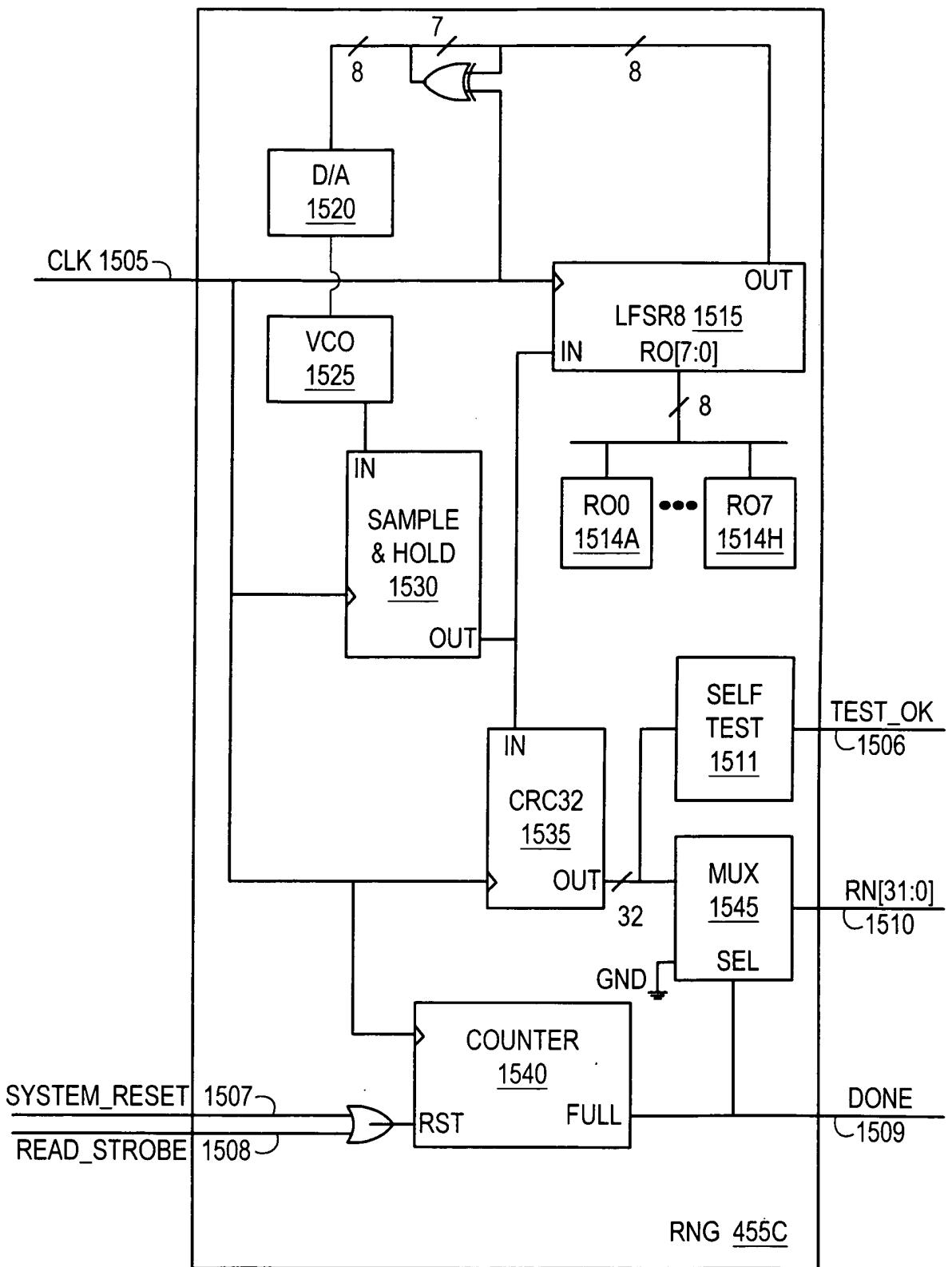


Fig. 15

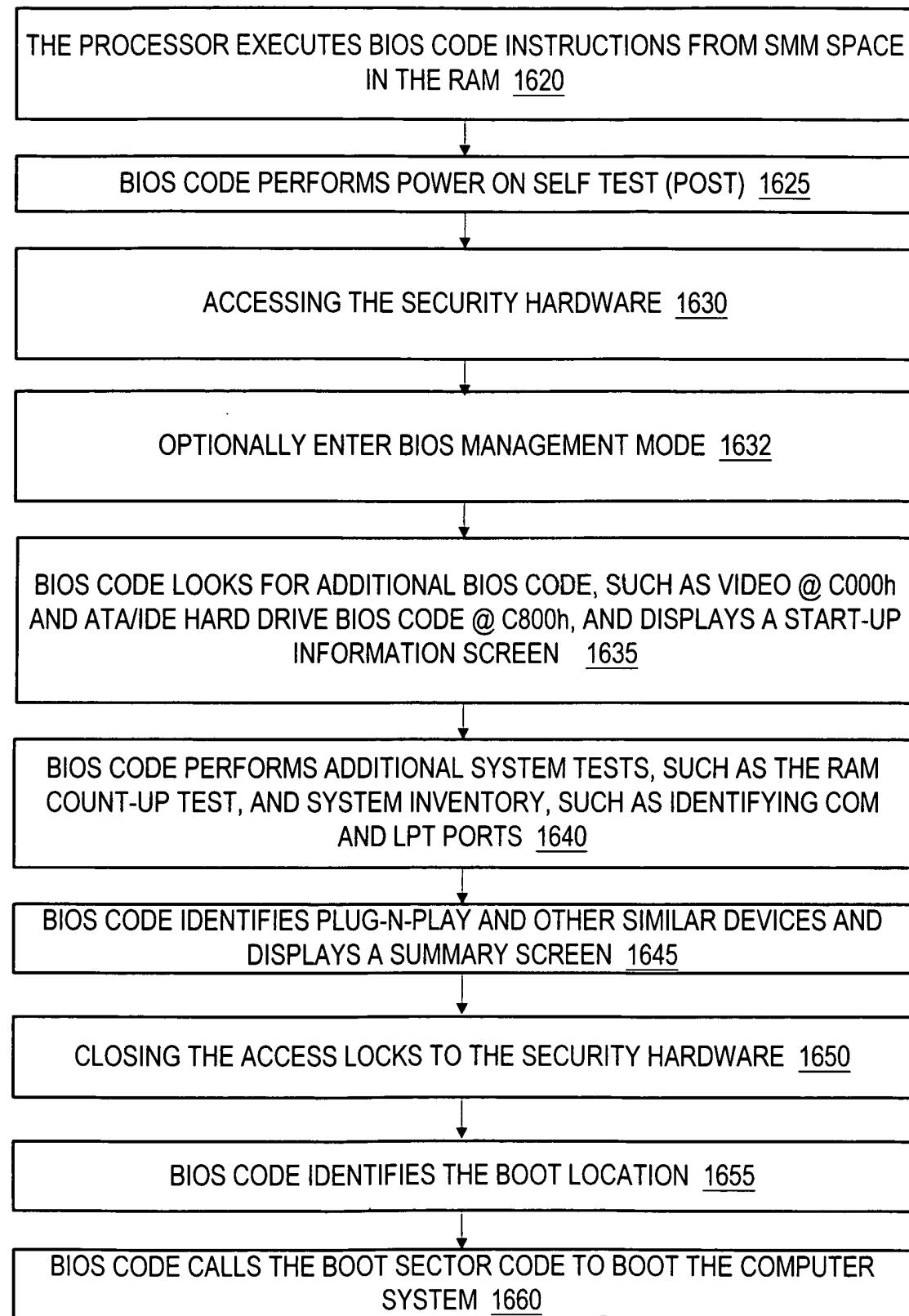


Fig. 16A

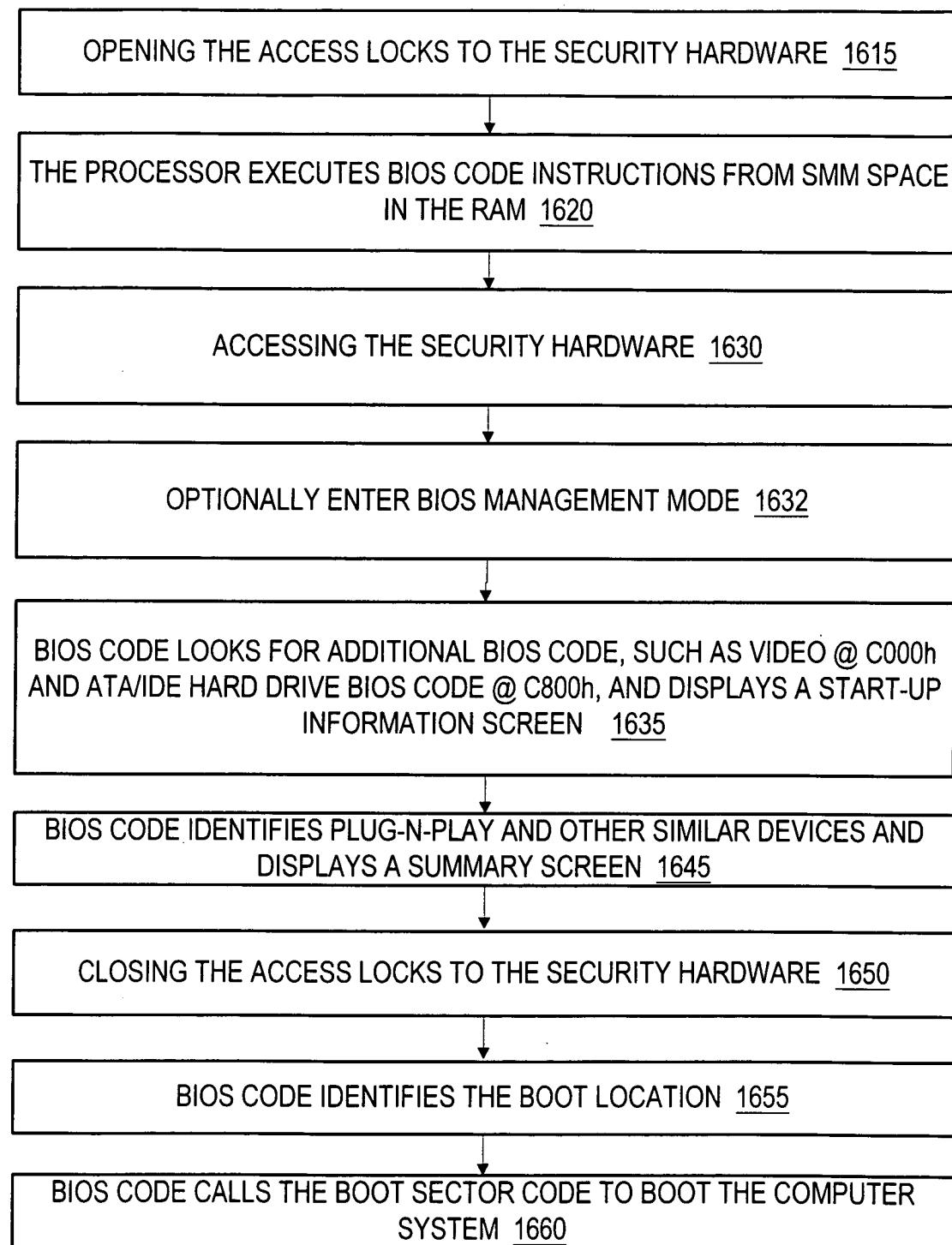
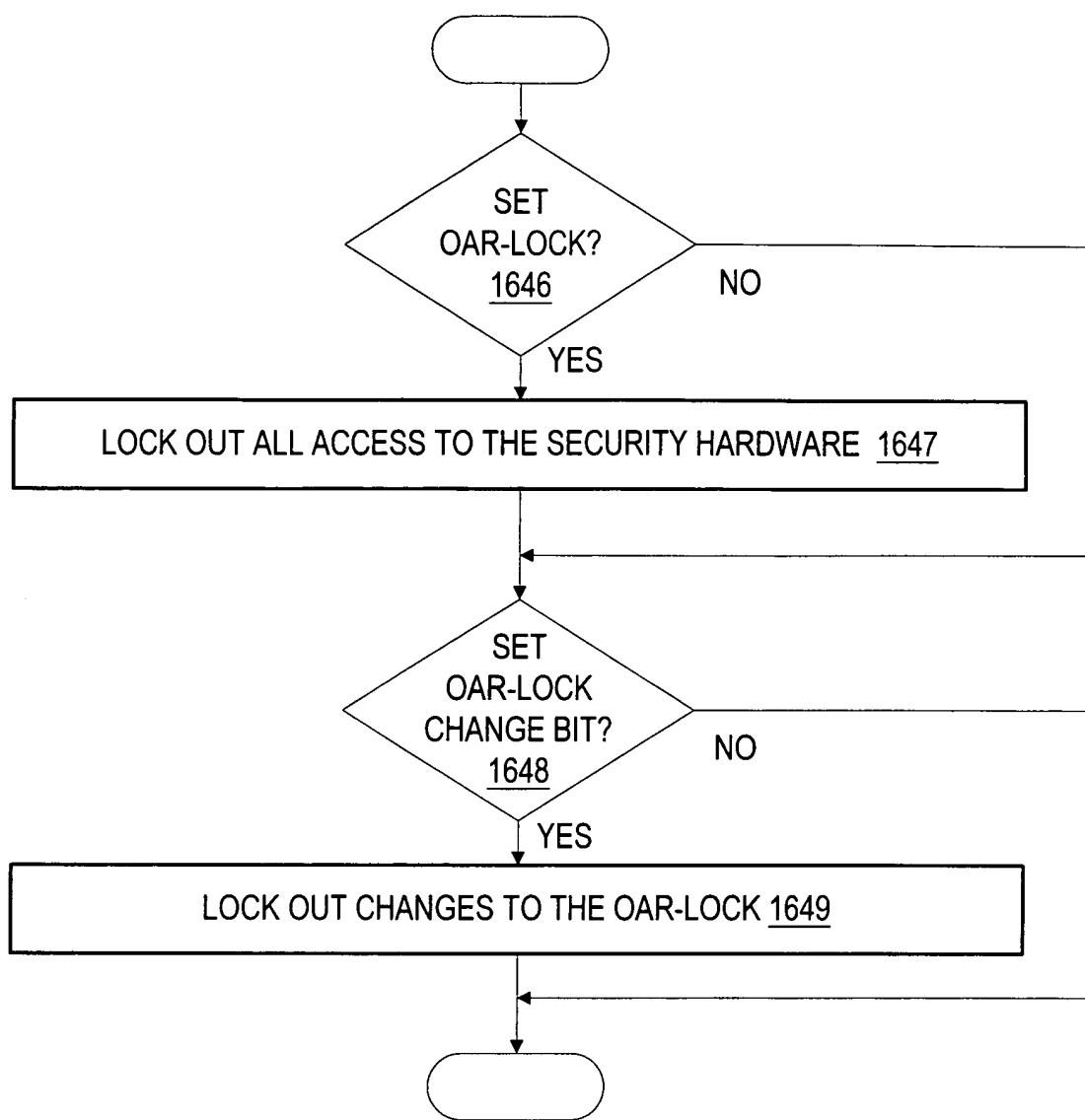


Fig. 16B

**Fig. 16C**

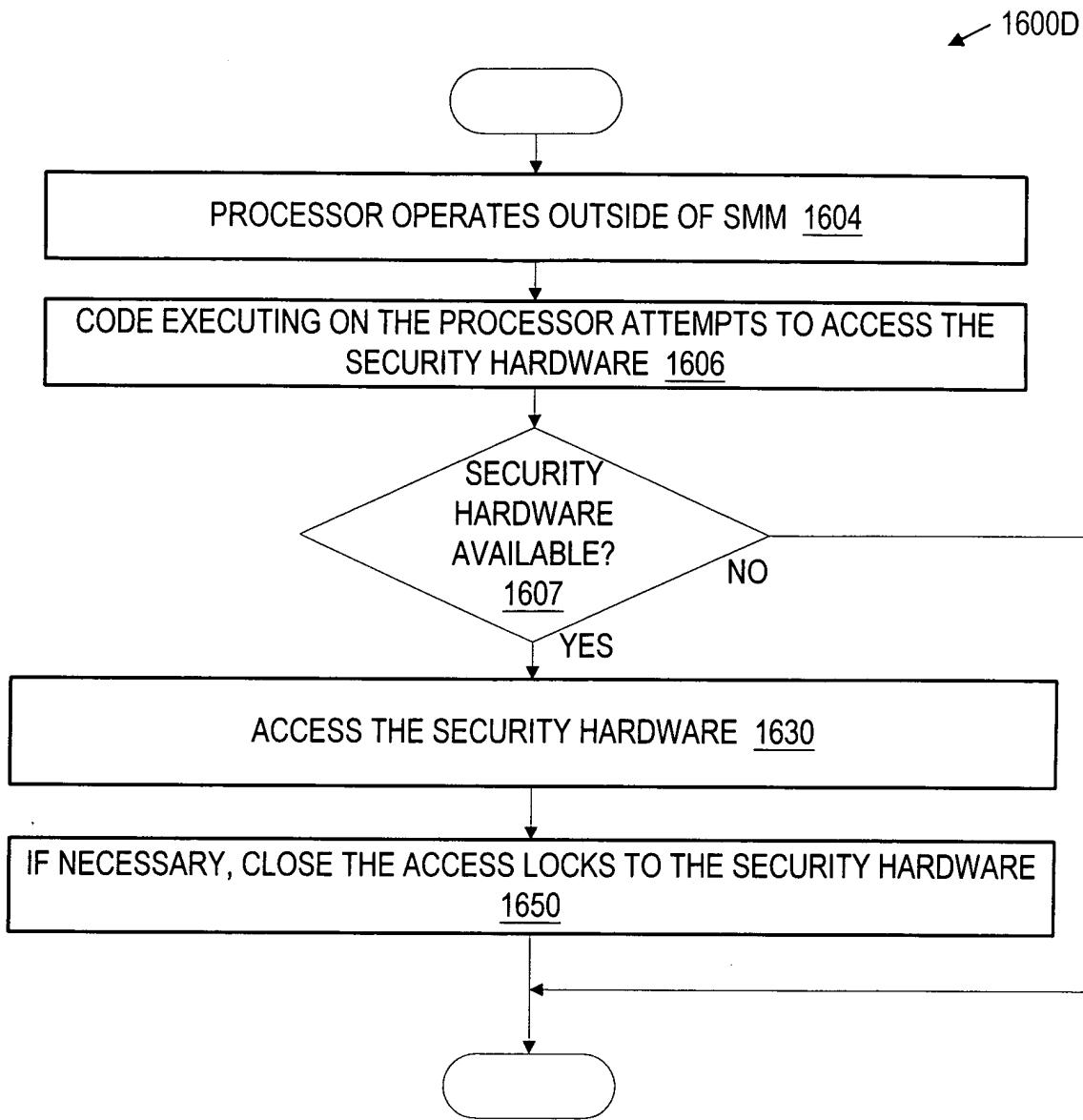


Fig. 16D

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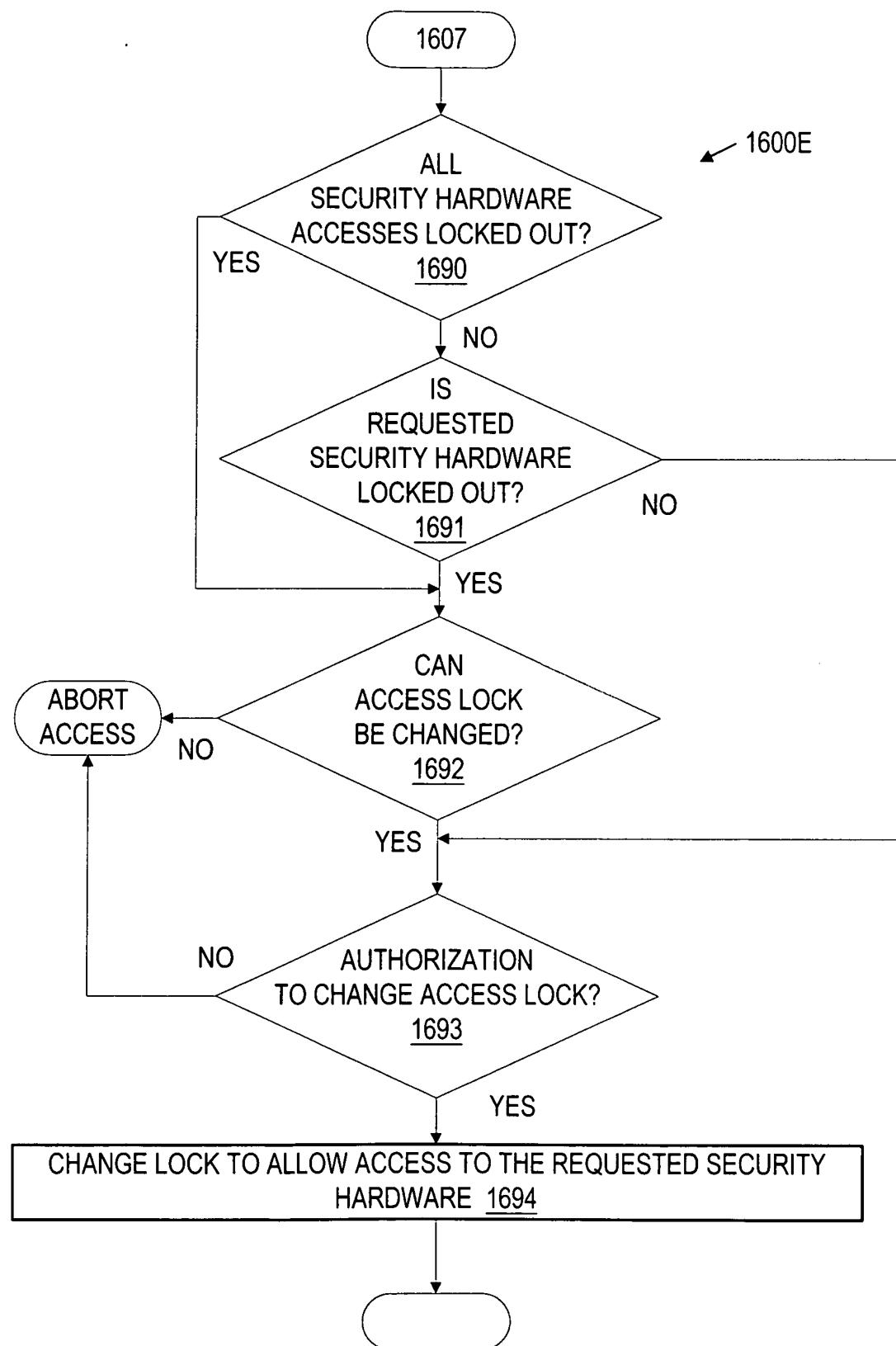
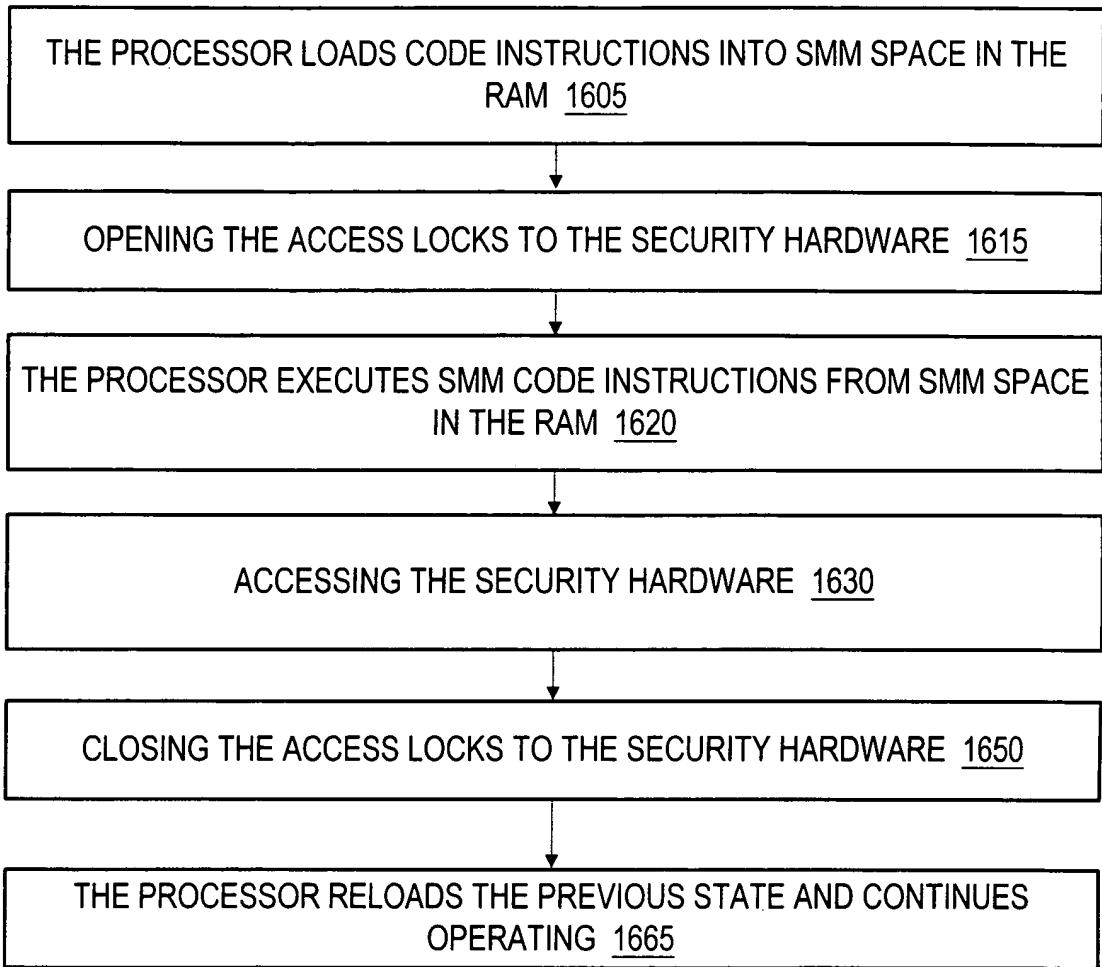


Fig. 16E

1600F



1600G

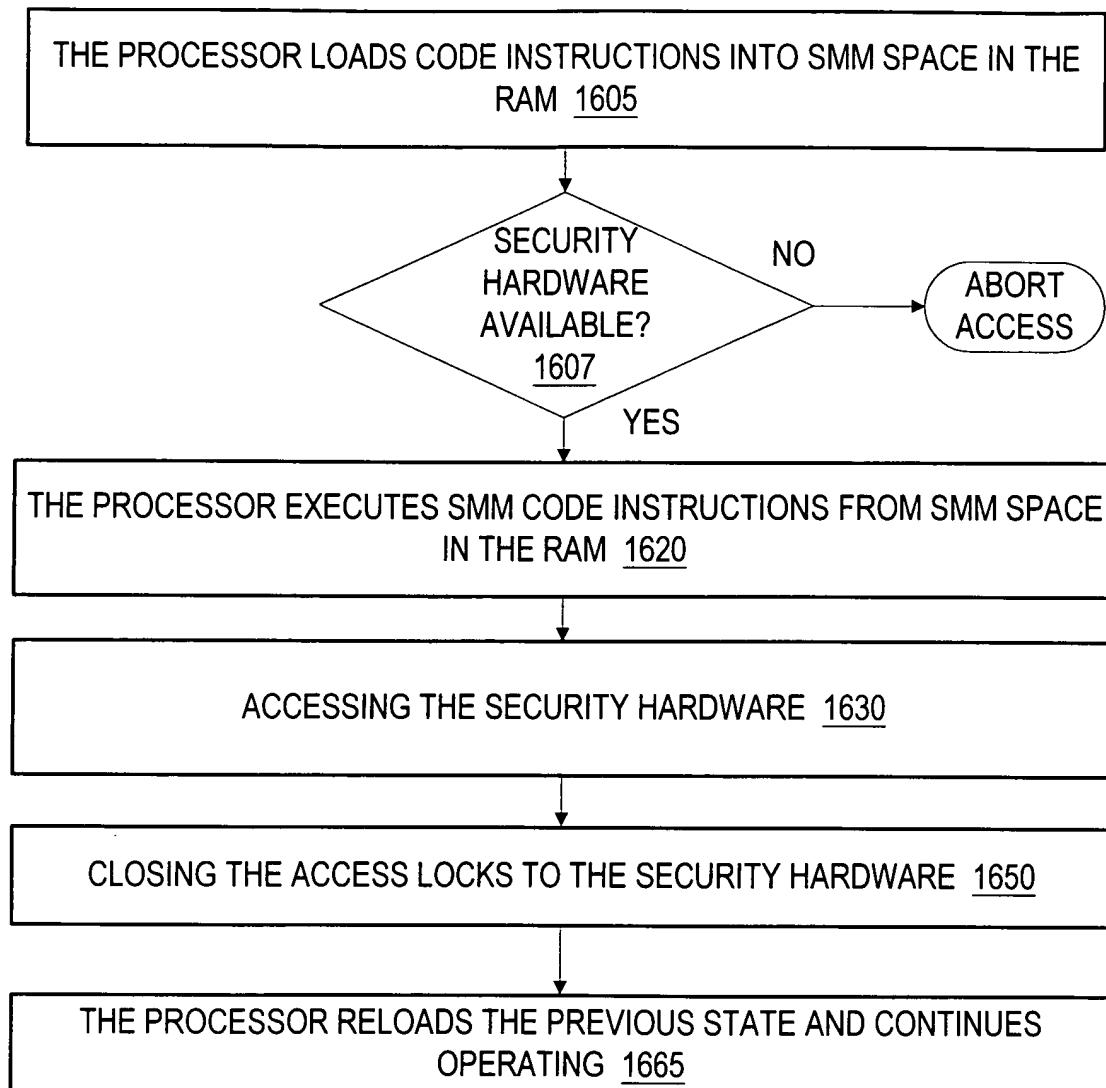


Fig. 16G

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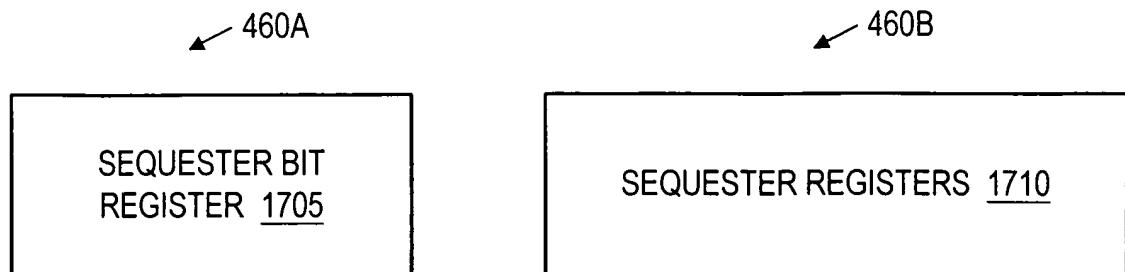


Fig. 17A

Fig. 17B

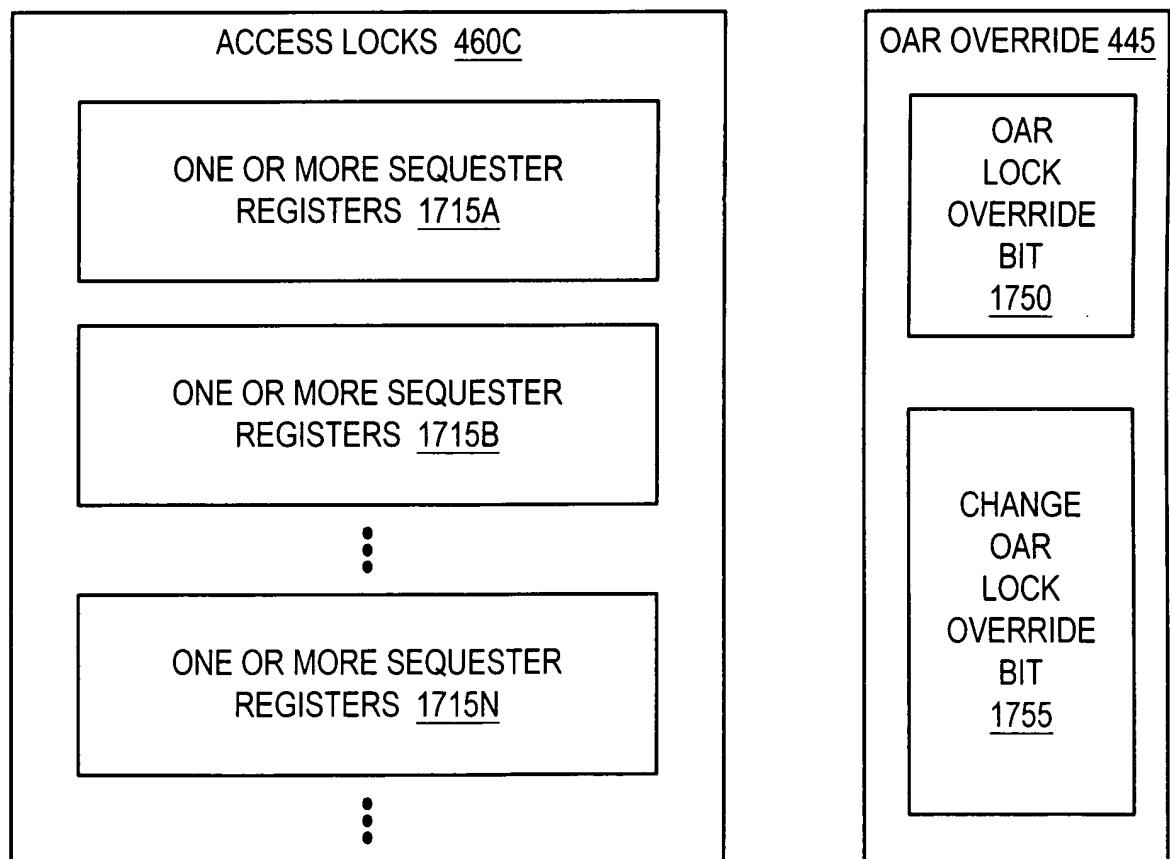


Fig. 17C

Fig. 17D

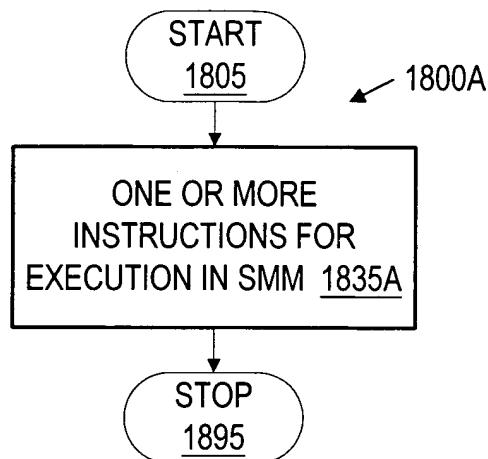


Fig. 18A
PRIOR ART

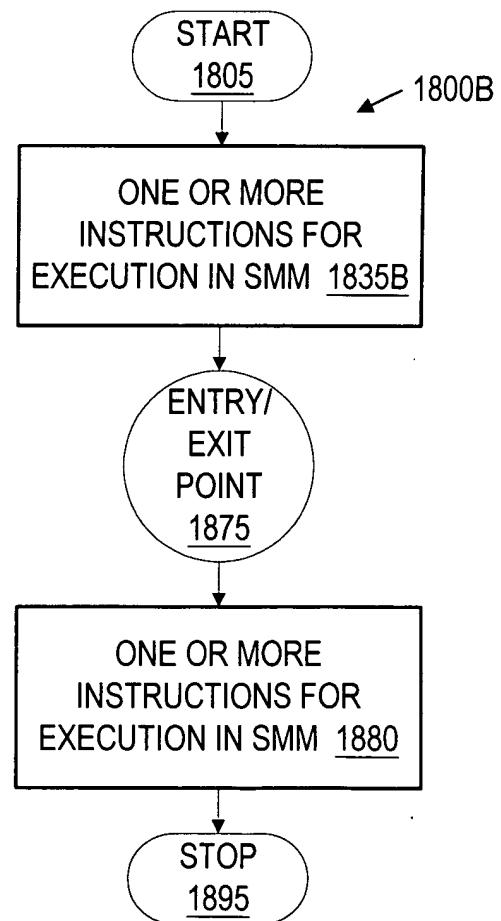


Fig. 18B

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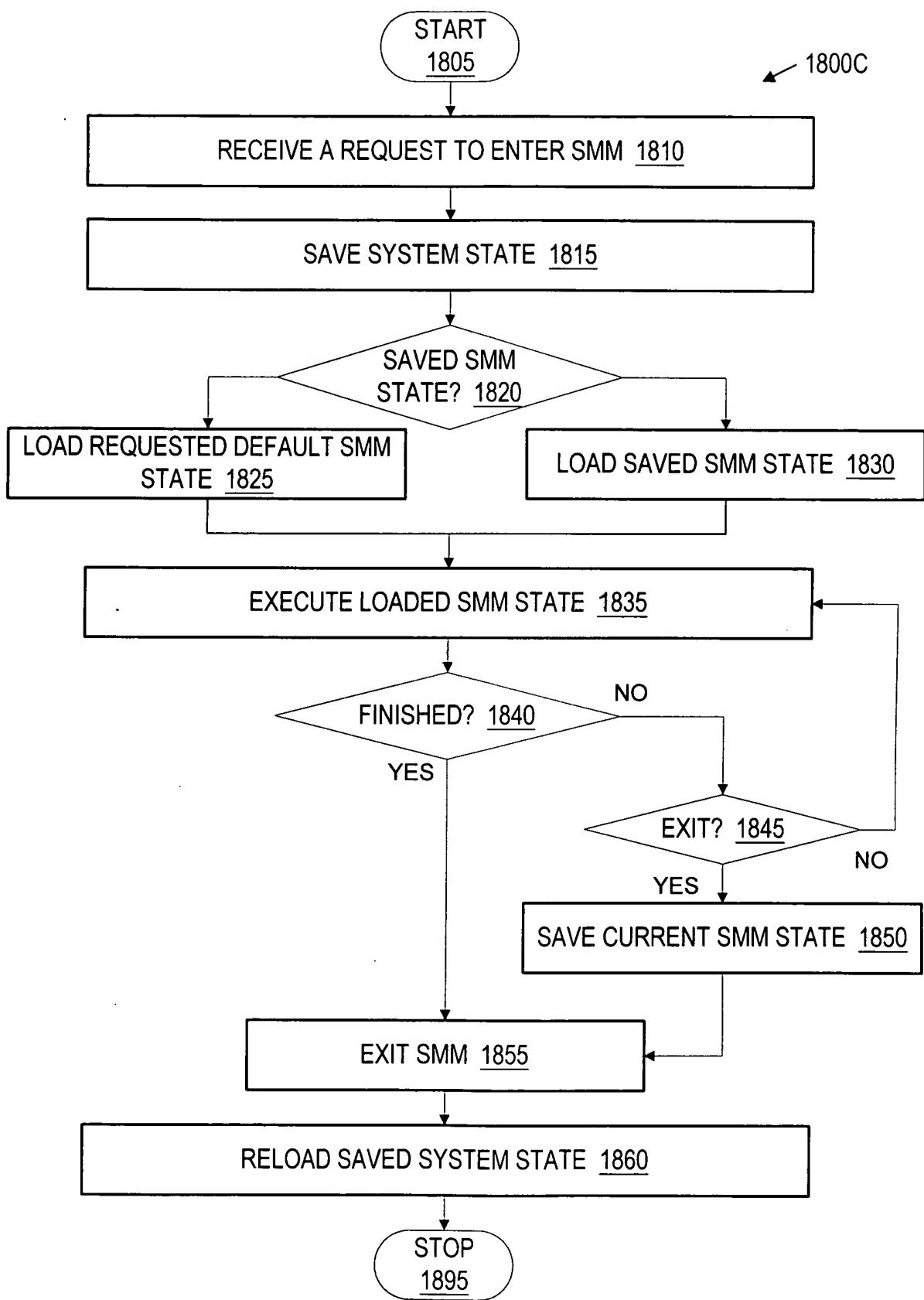


Fig. 18C

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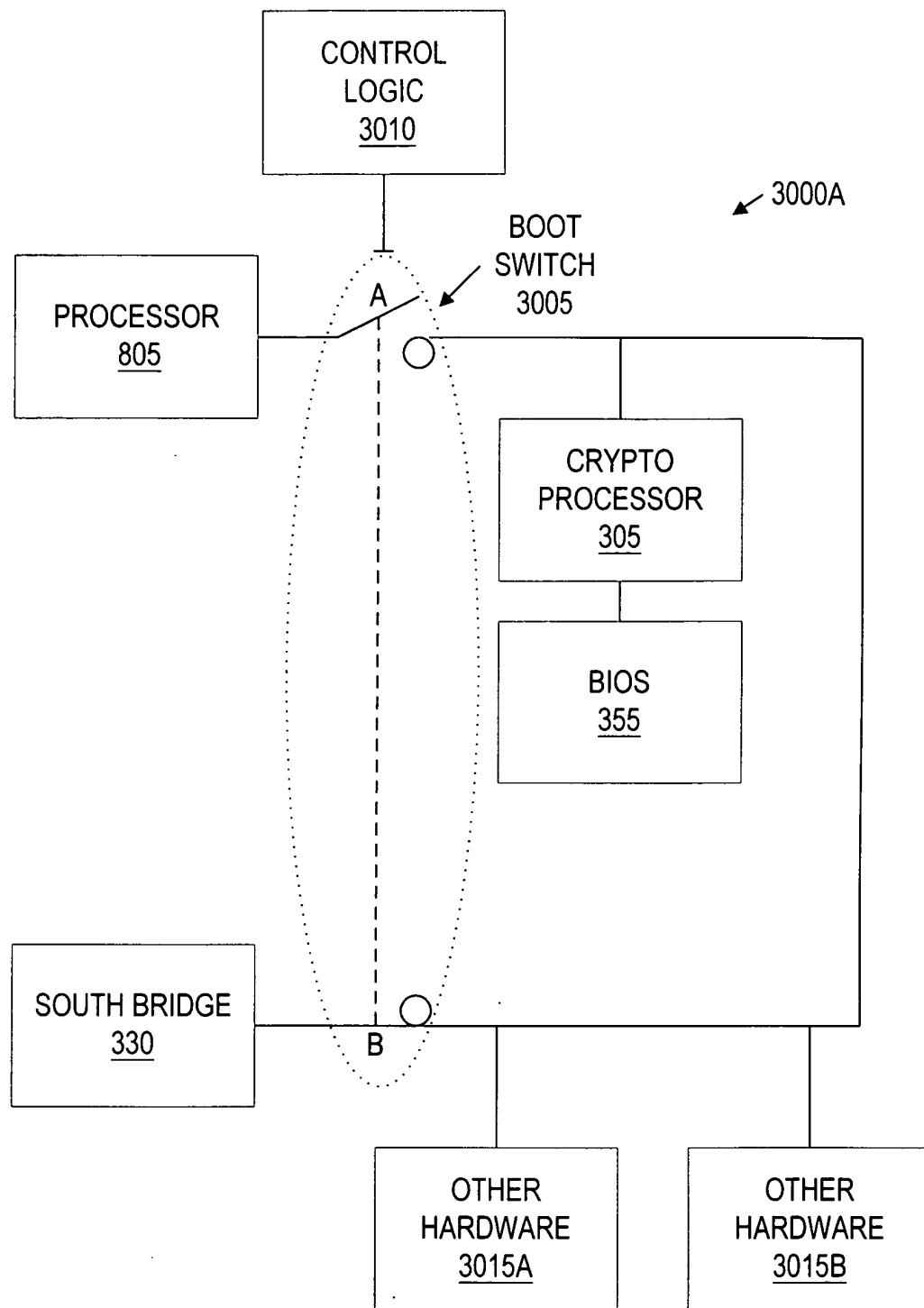
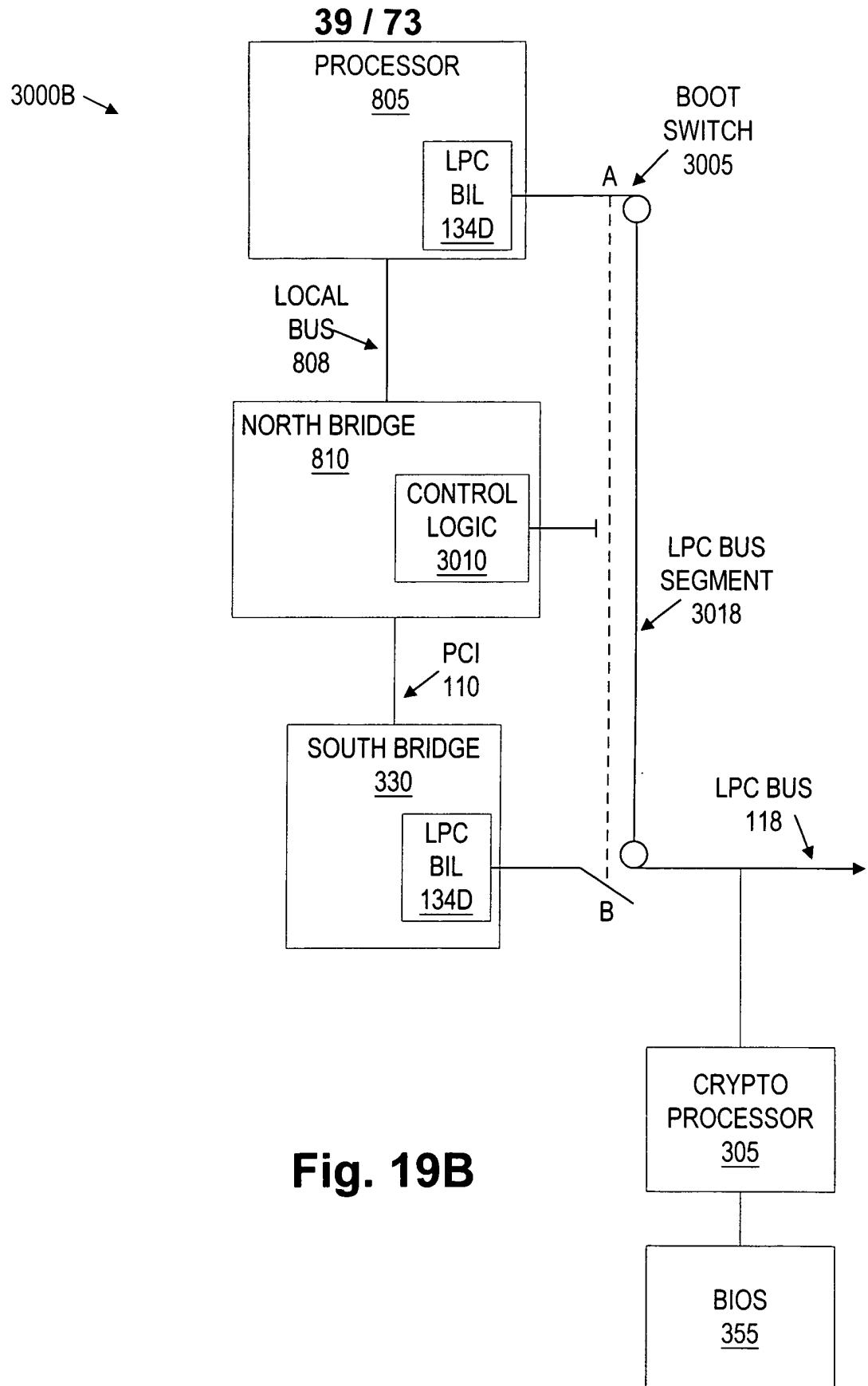


Fig. 19A



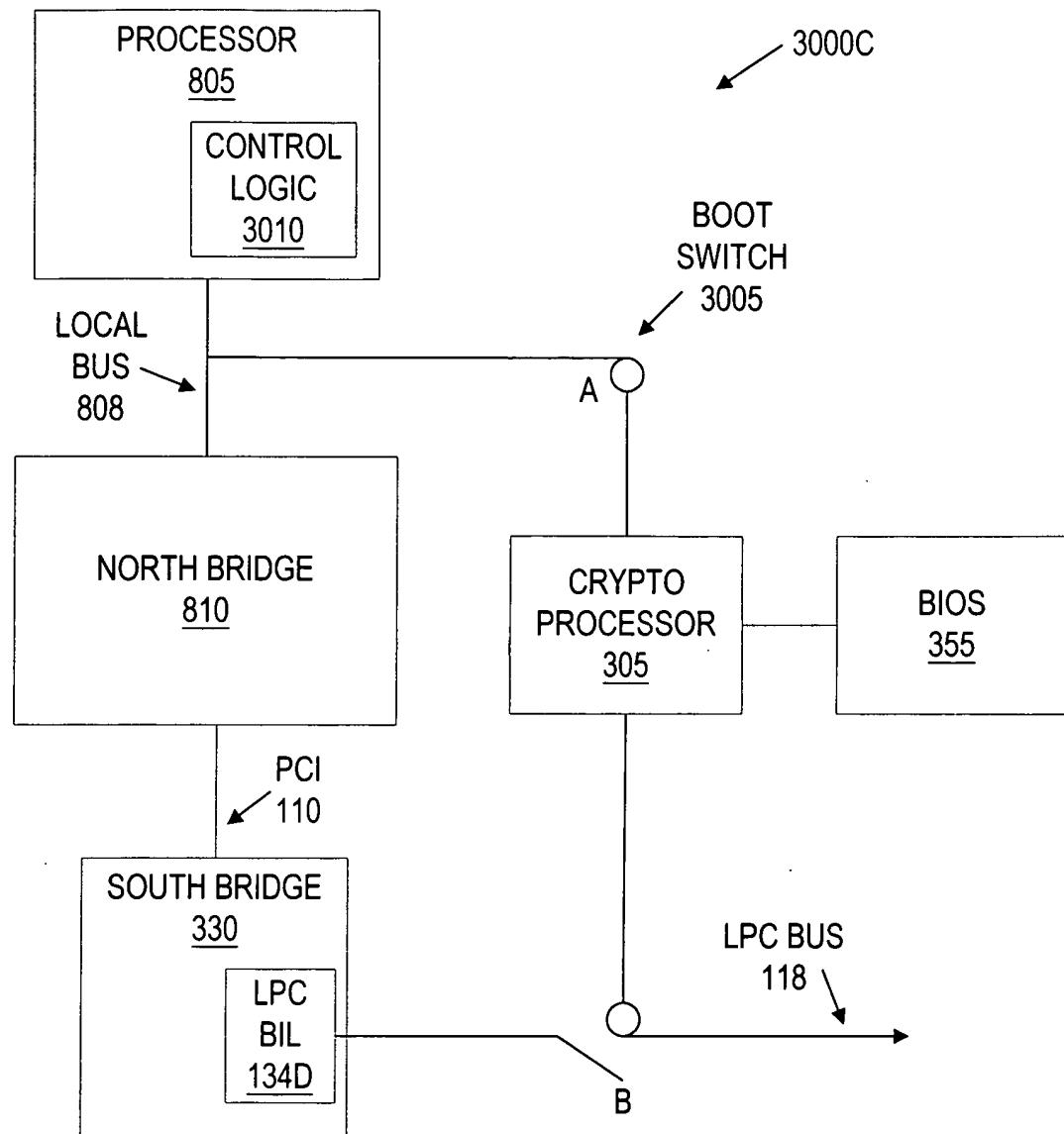


Fig. 19C

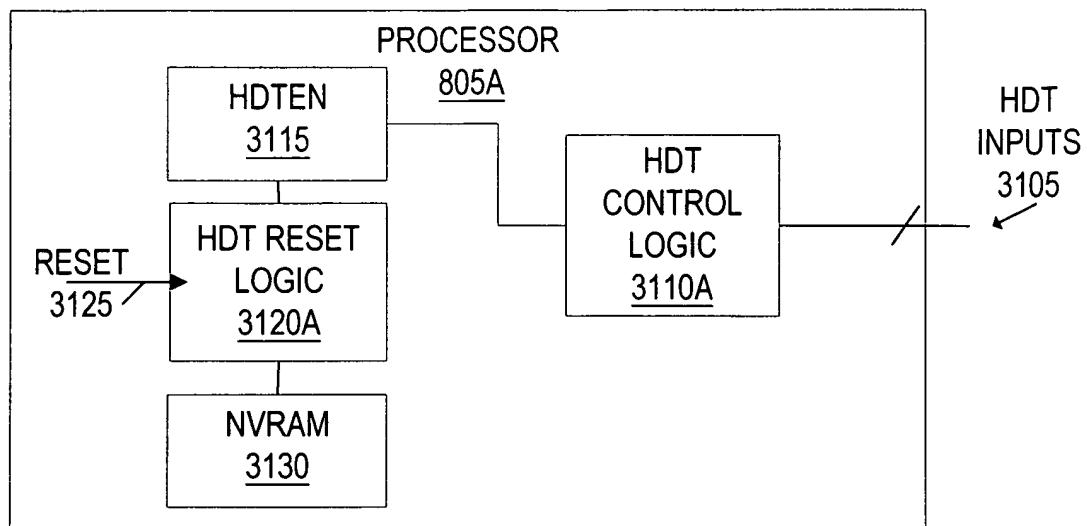


Fig. 20A

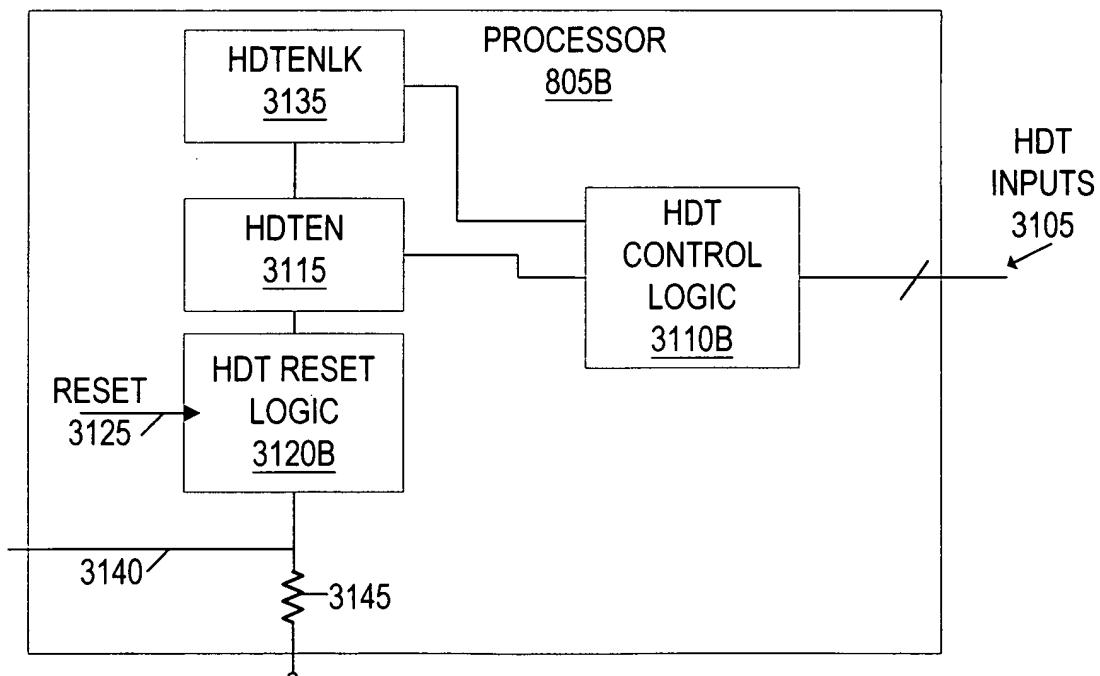


Fig. 20B

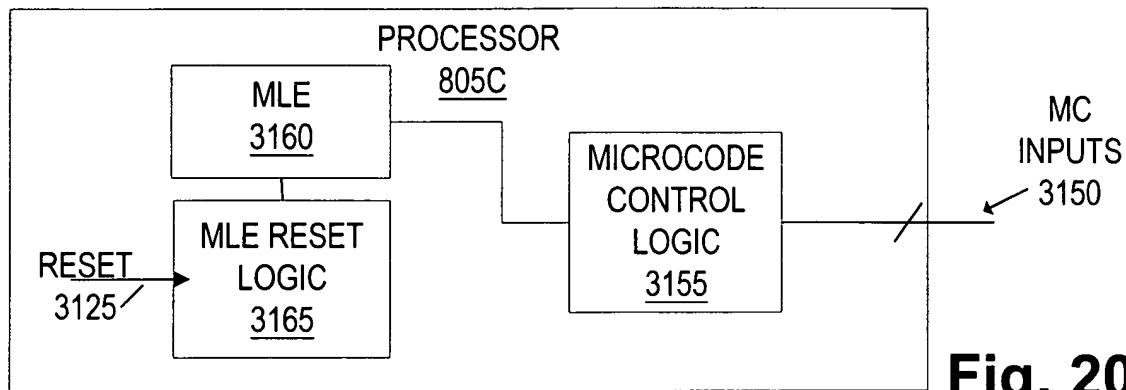


Fig. 20C

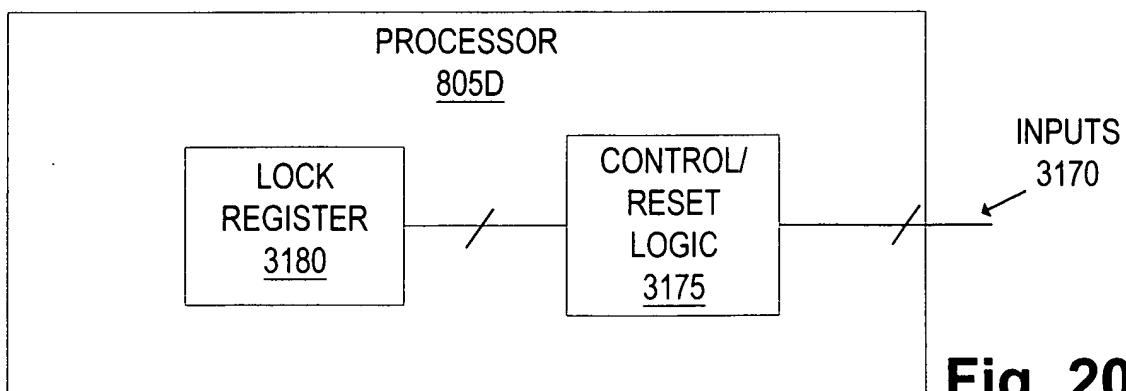


Fig. 20D

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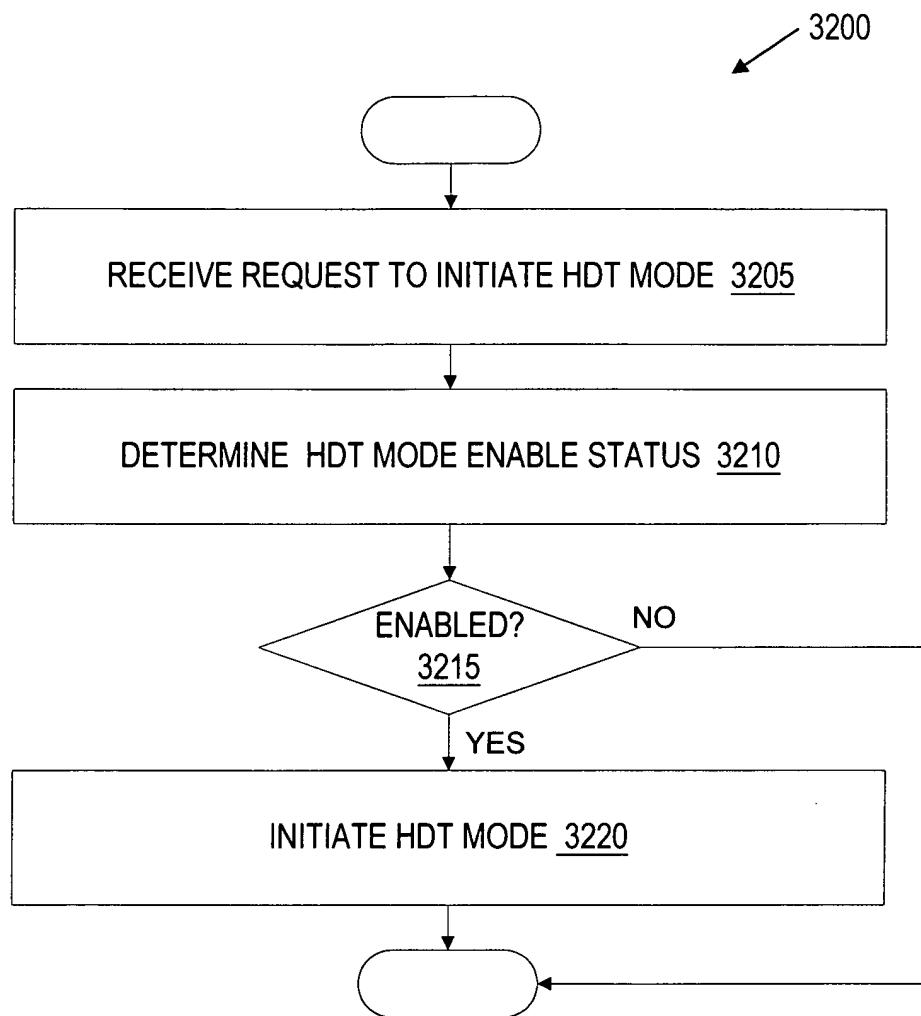


Fig. 21

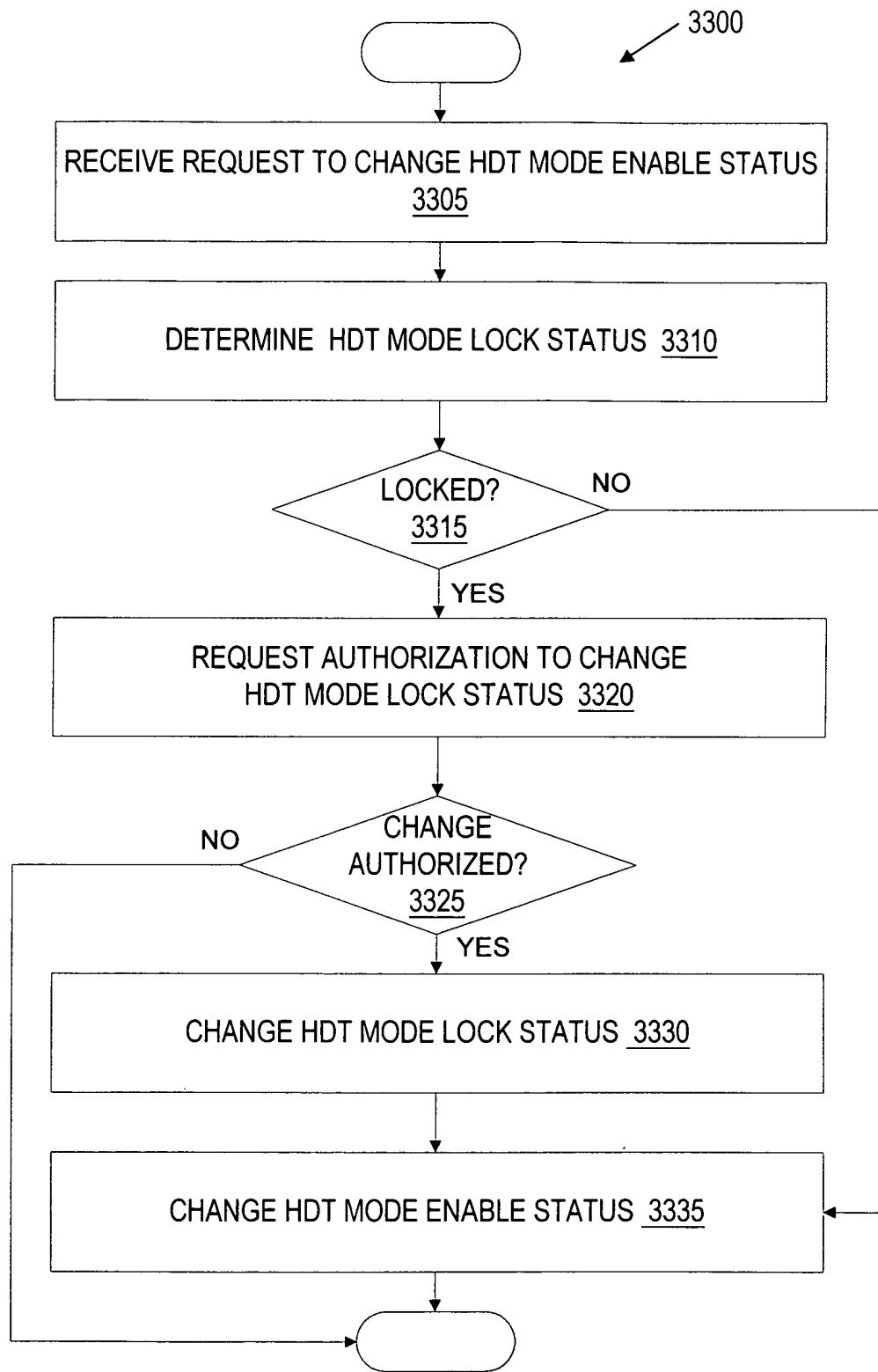


Fig. 22

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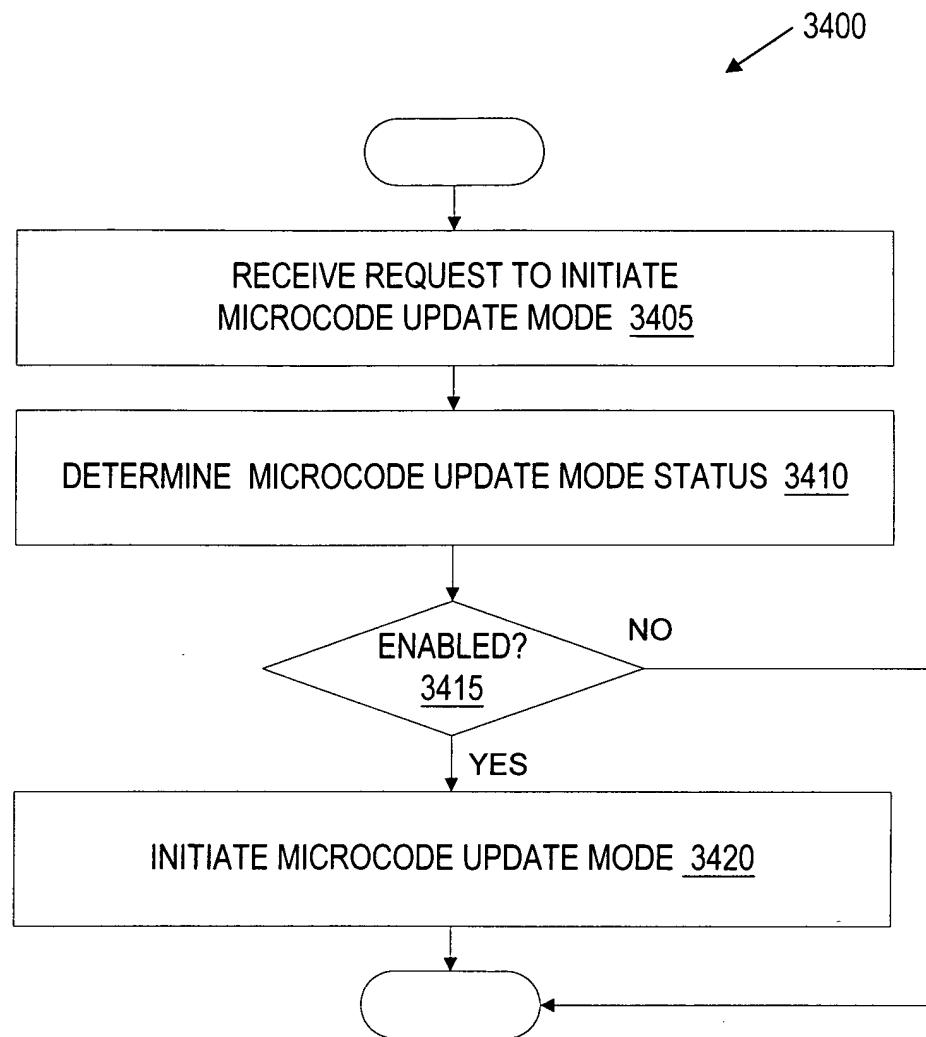


Fig. 23

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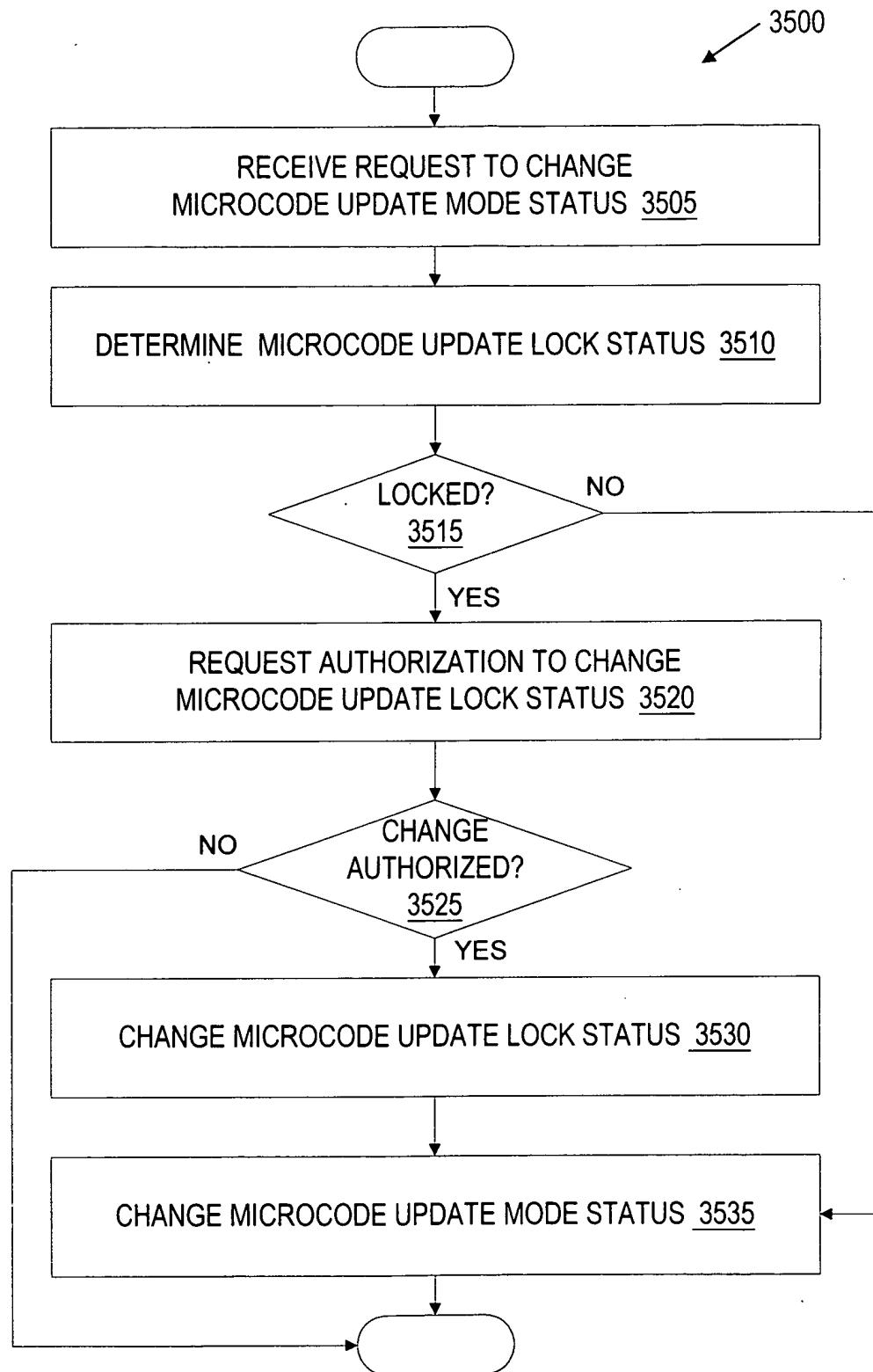


Fig. 24

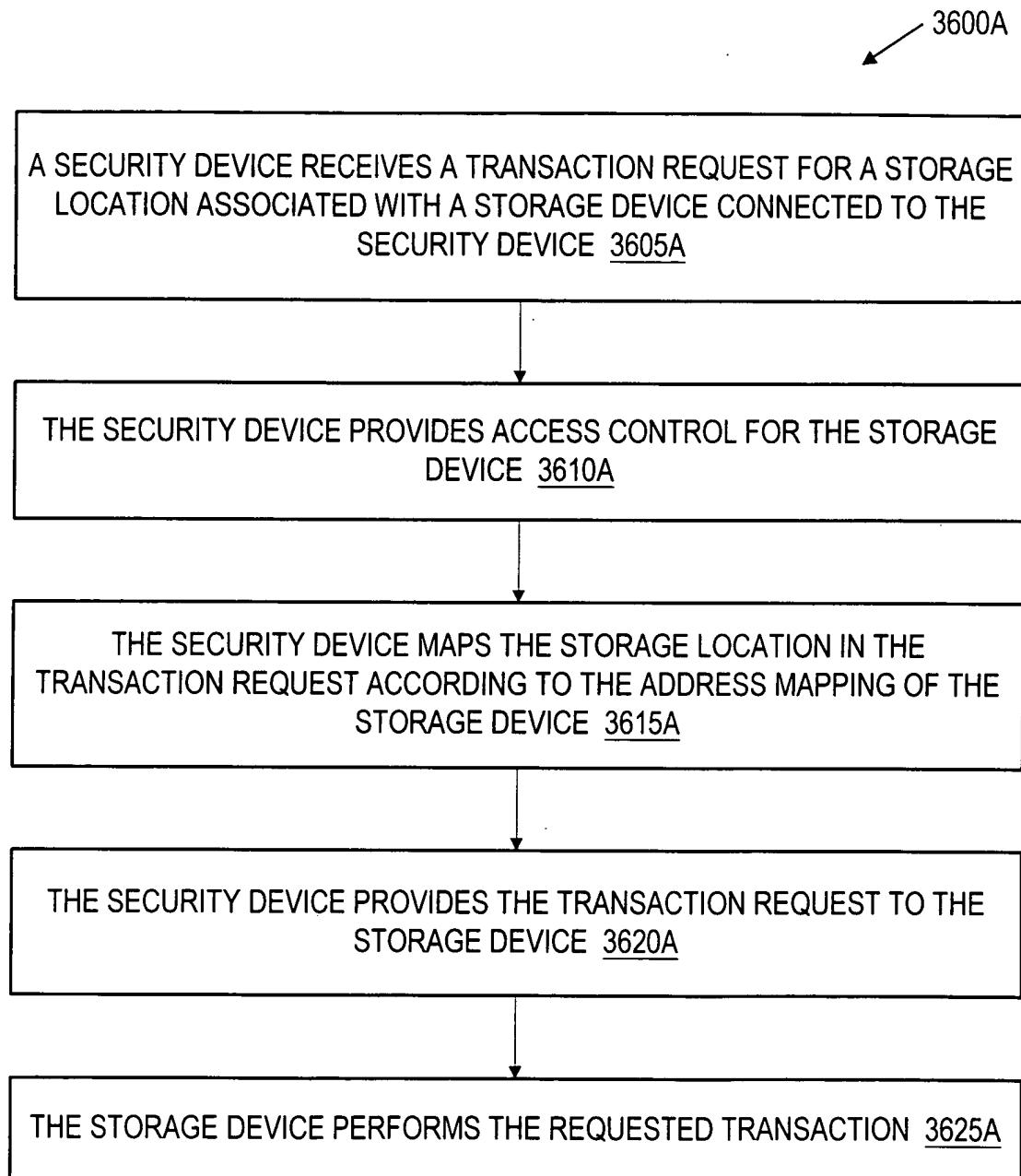


Fig. 25A

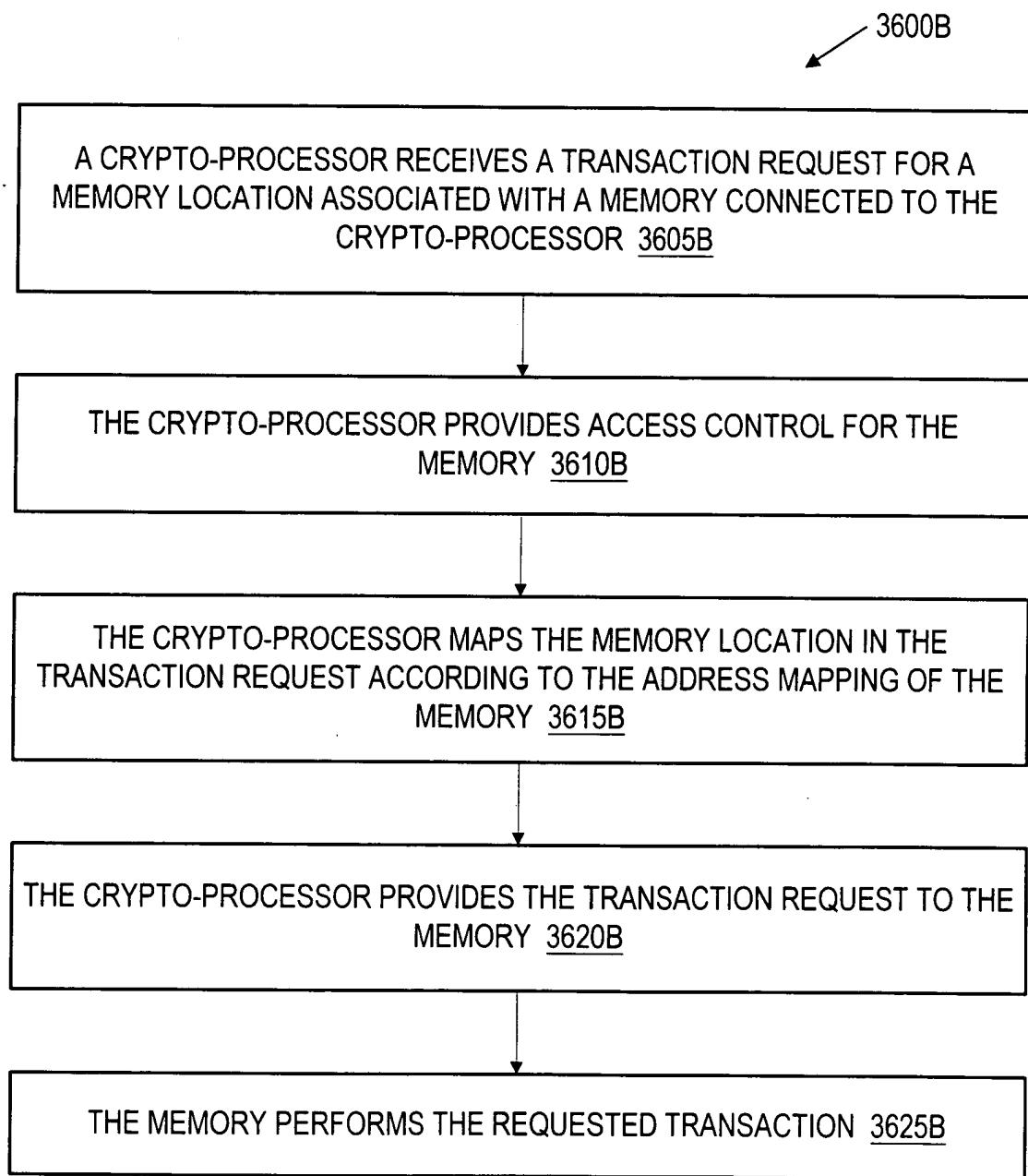


Fig. 25B

3610A

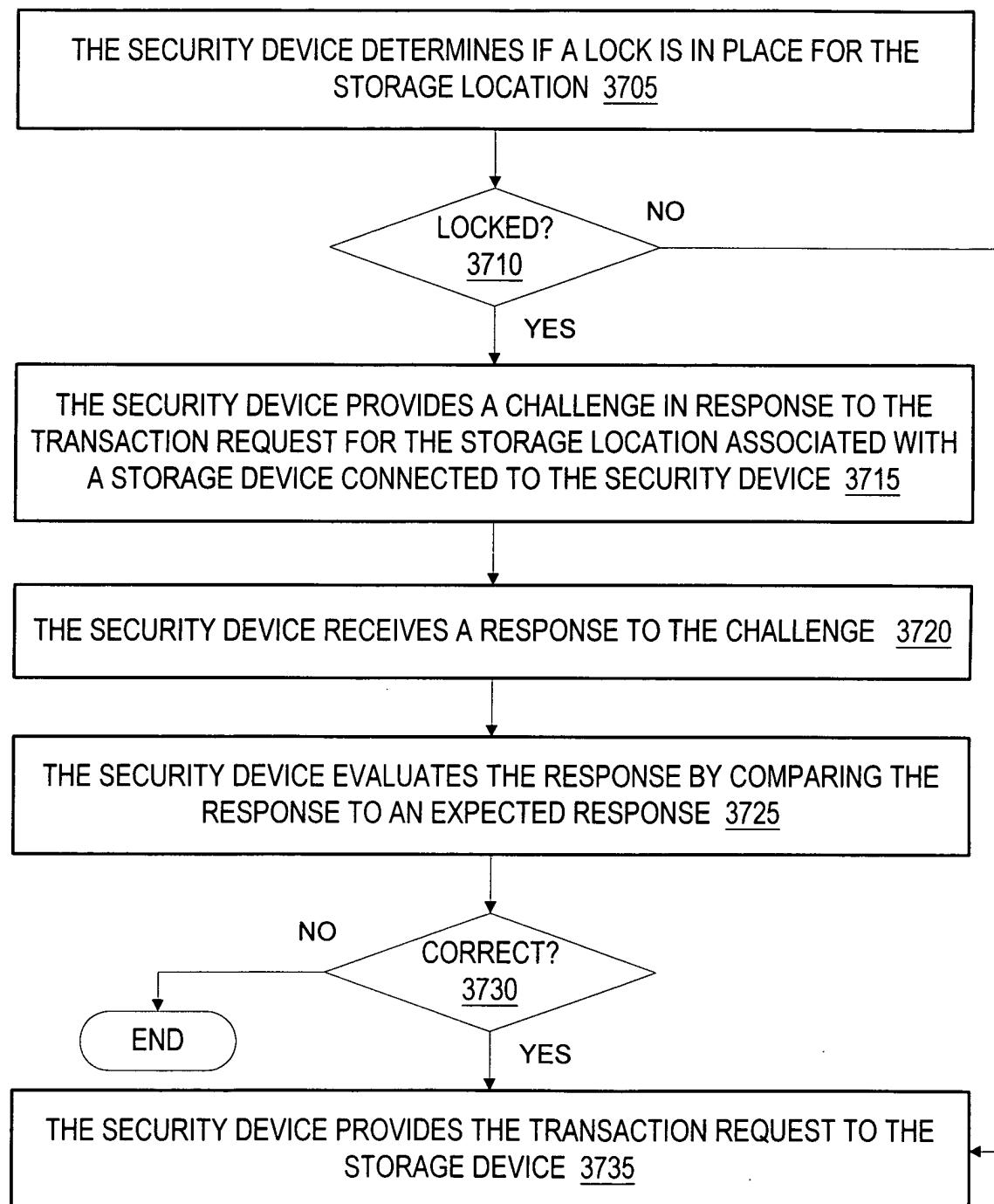


Fig. 26

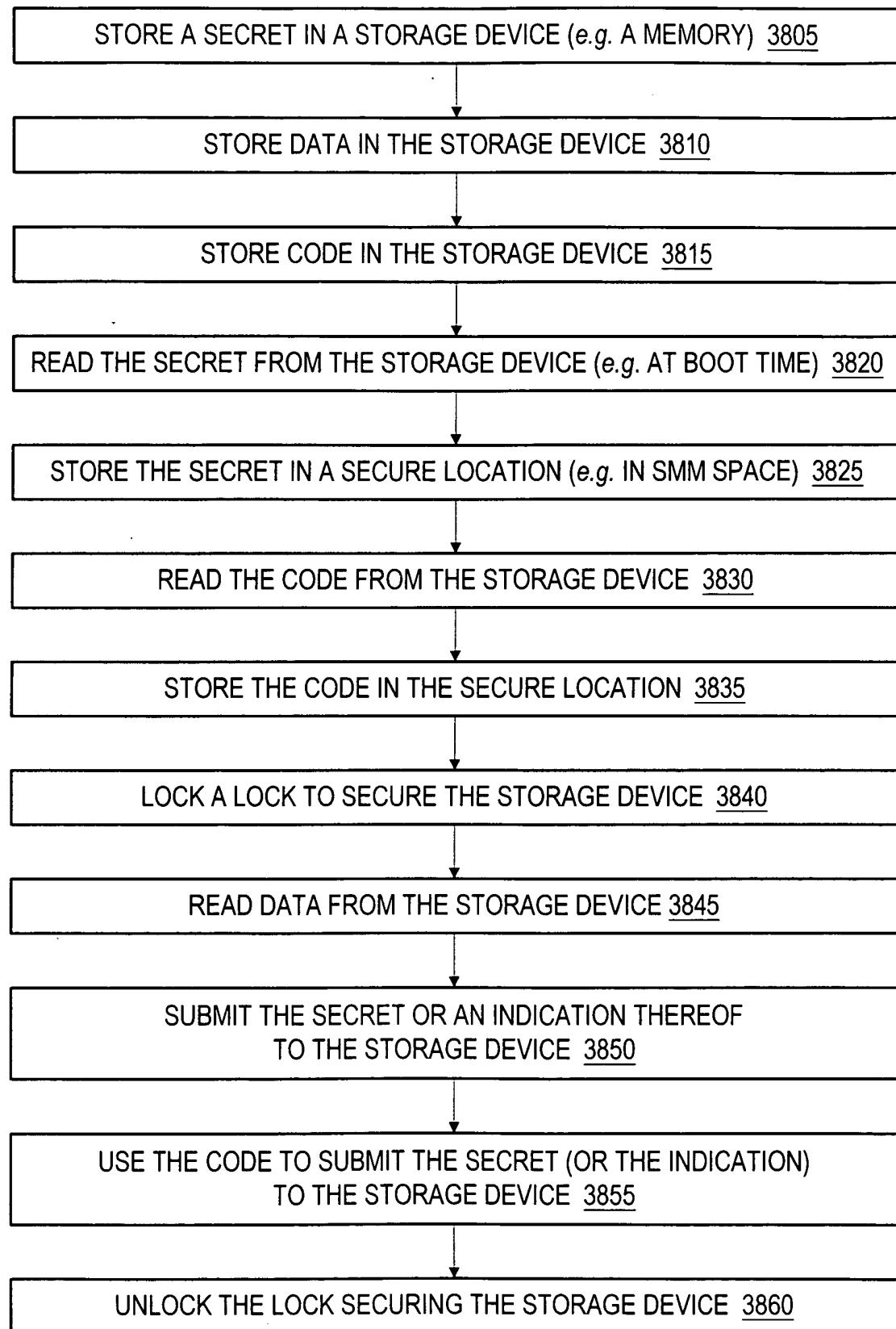


Fig. 27

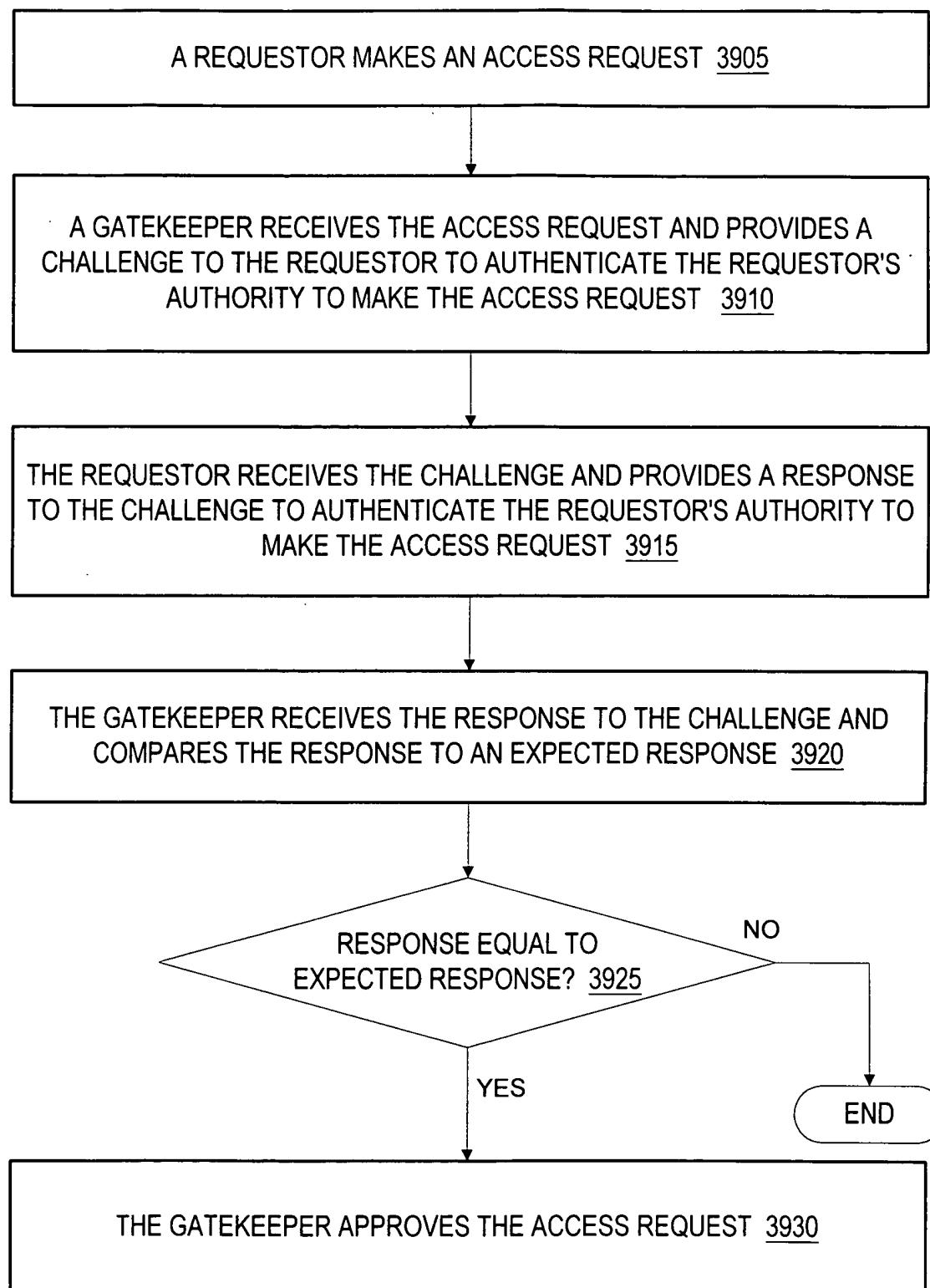


Fig. 28
(Prior Art)

4000A

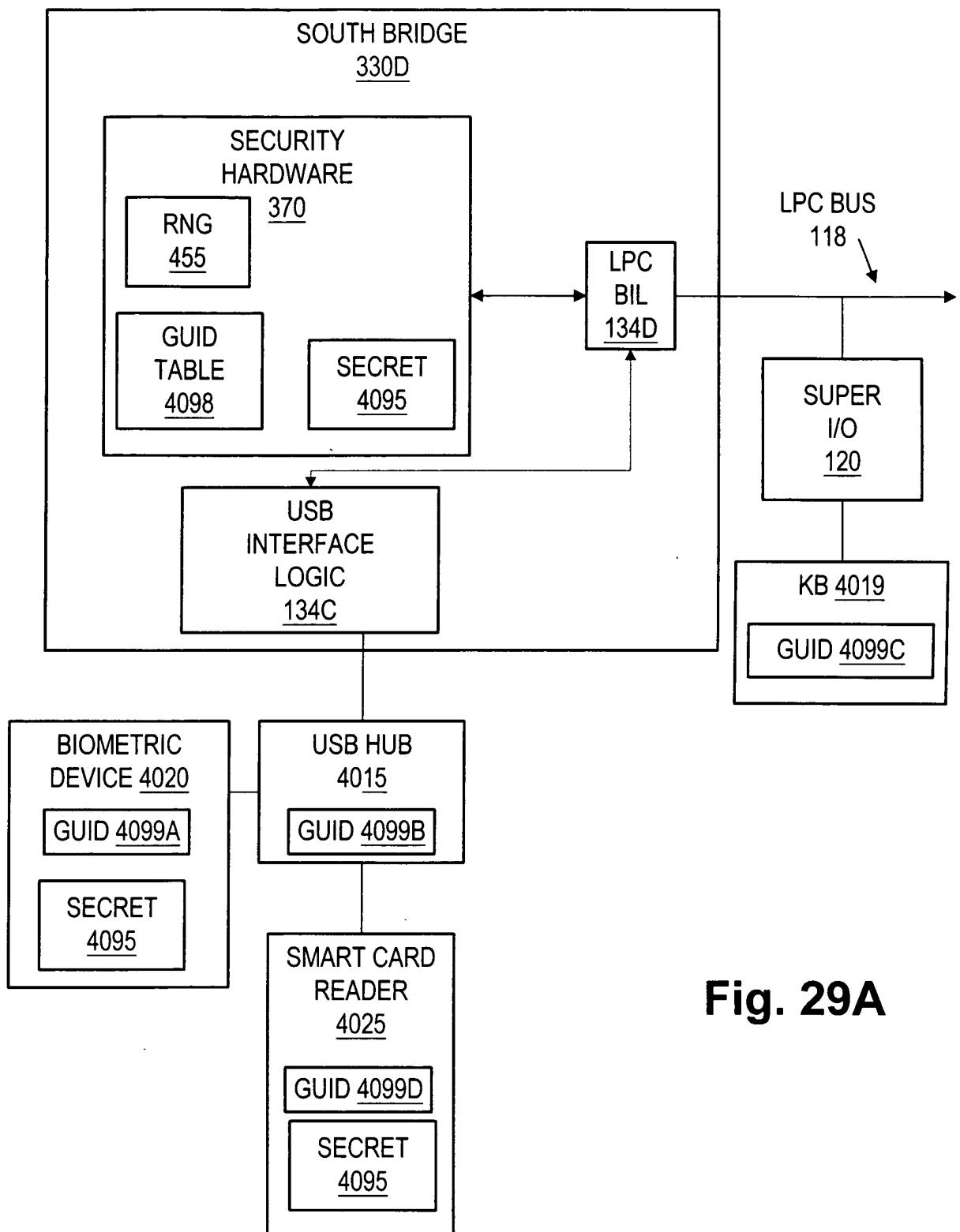


Fig. 29A

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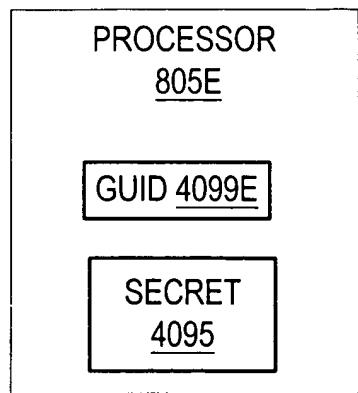


Fig. 29B

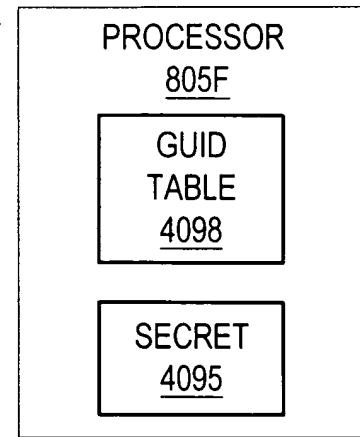


Fig. 29C

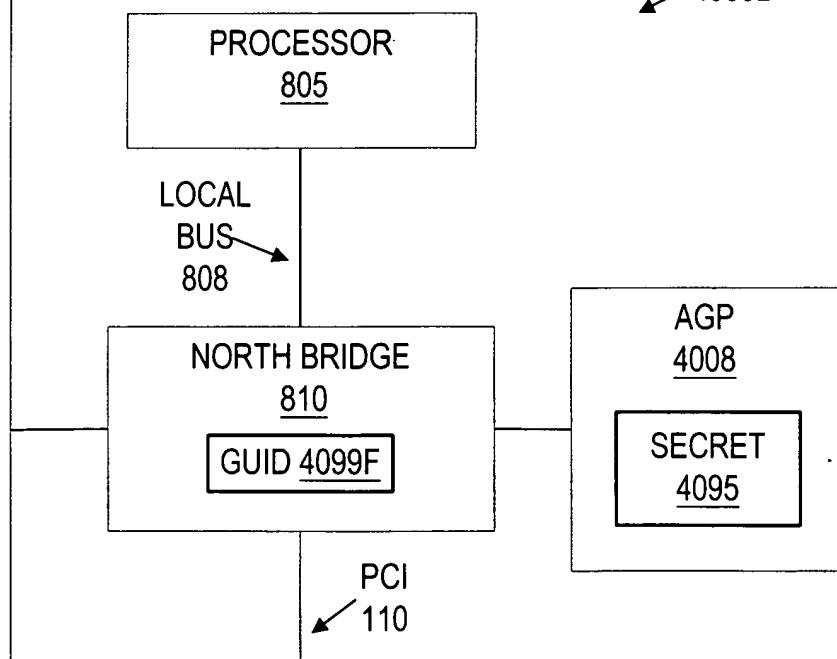
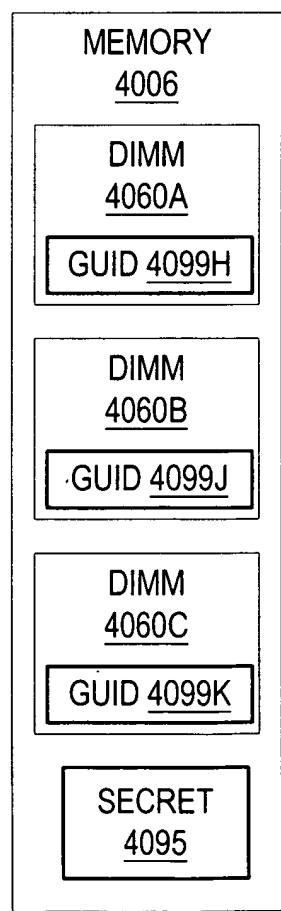


Fig. 29D

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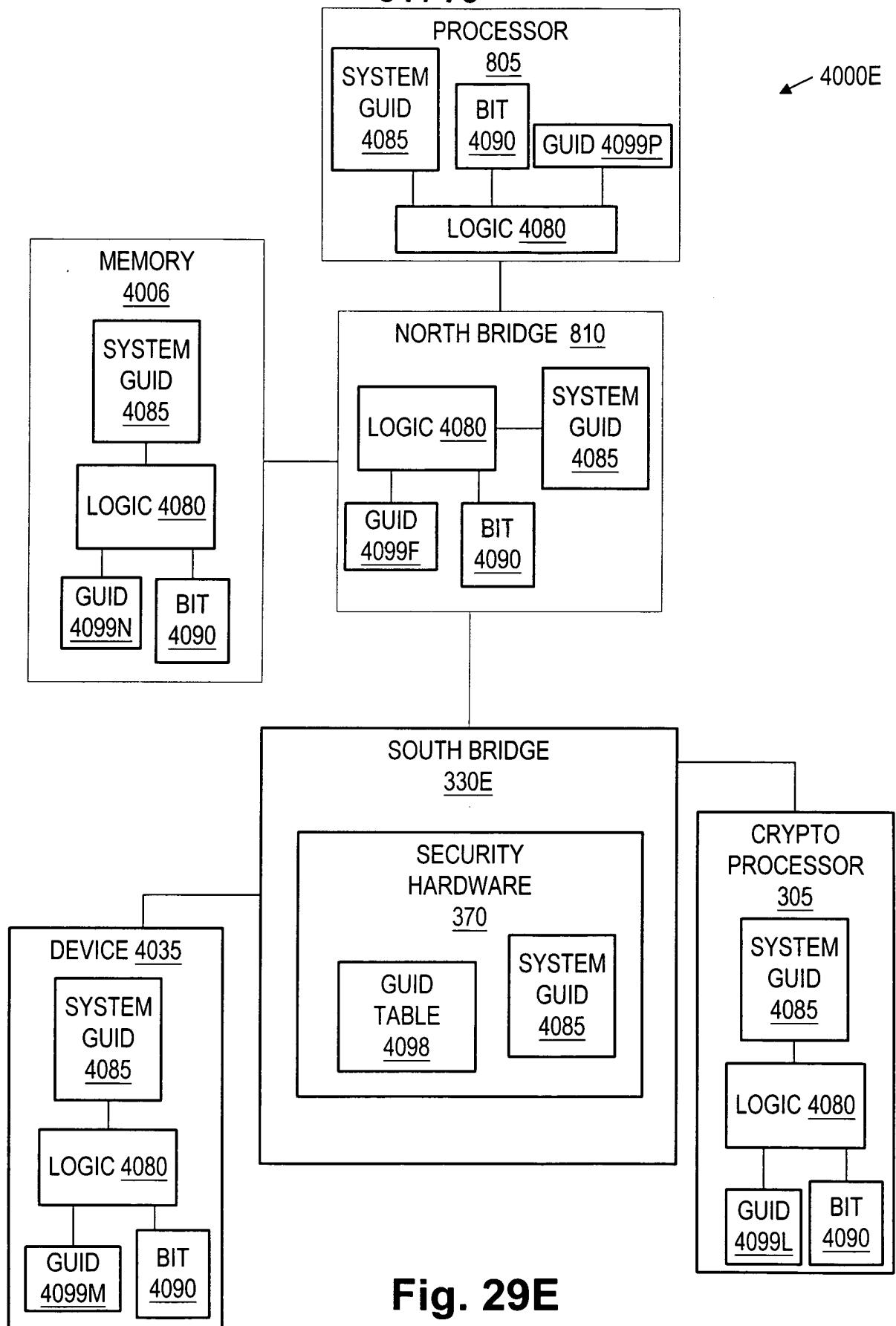


Fig. 29E

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4100A

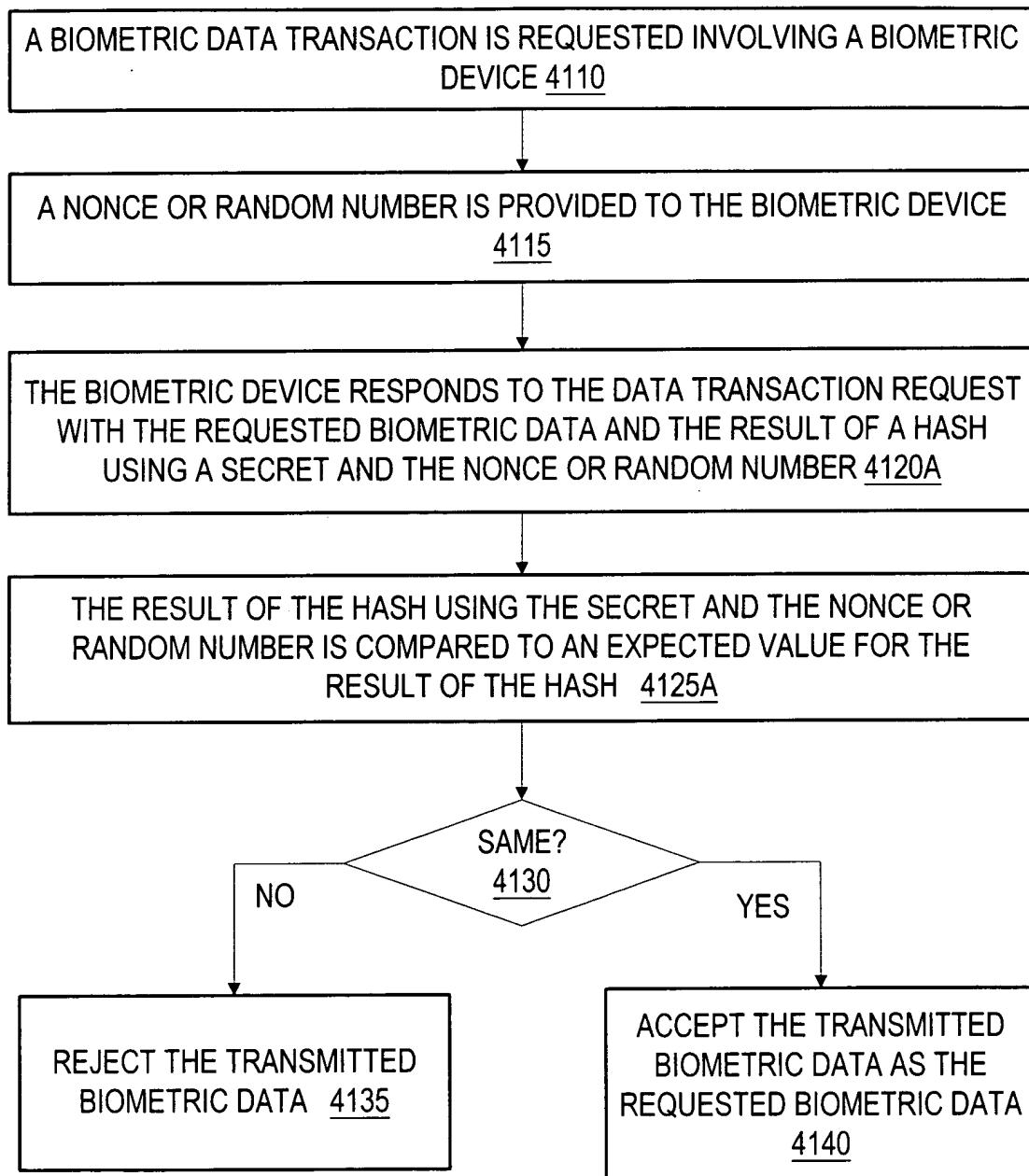


Fig. 30A

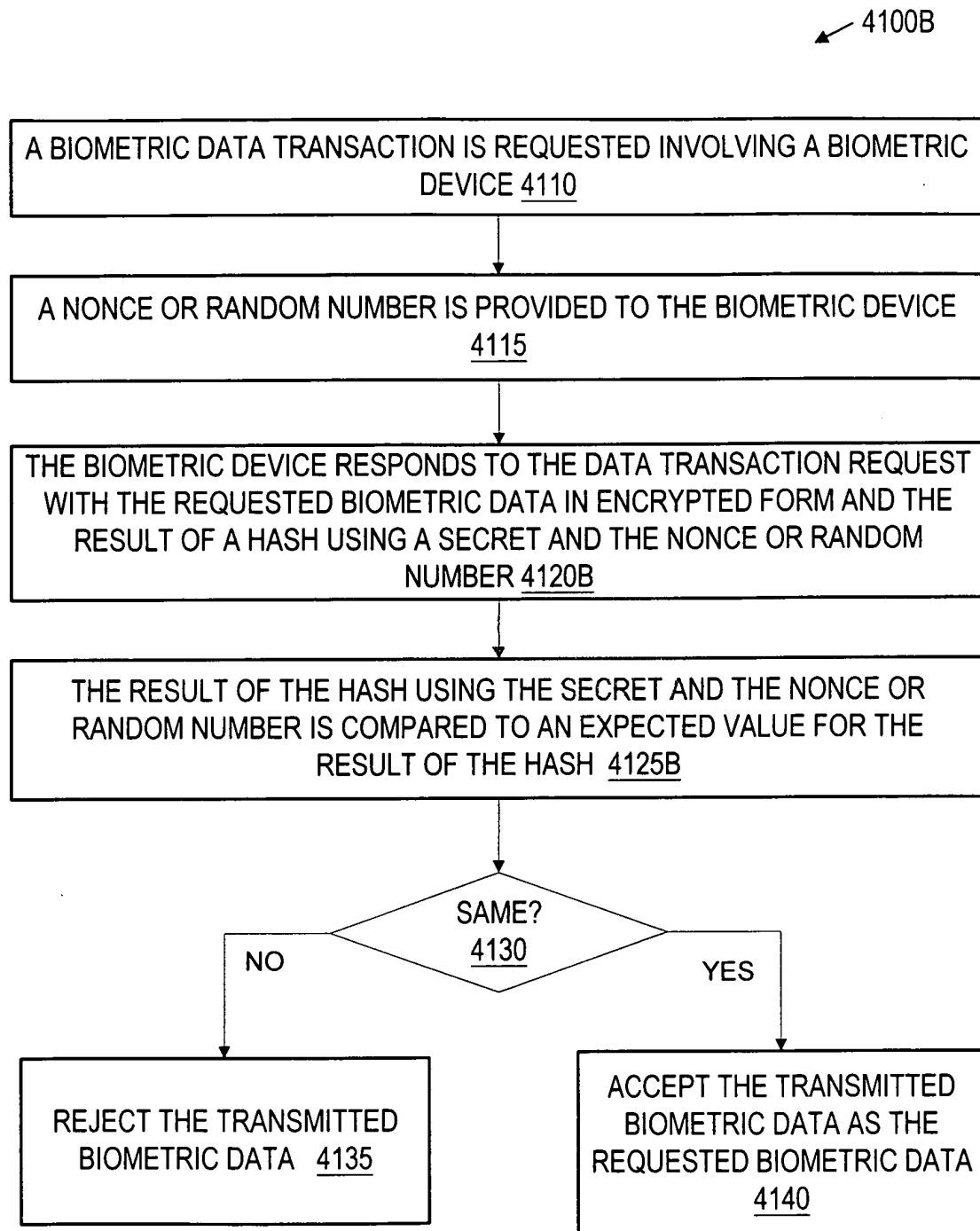


Fig. 30B

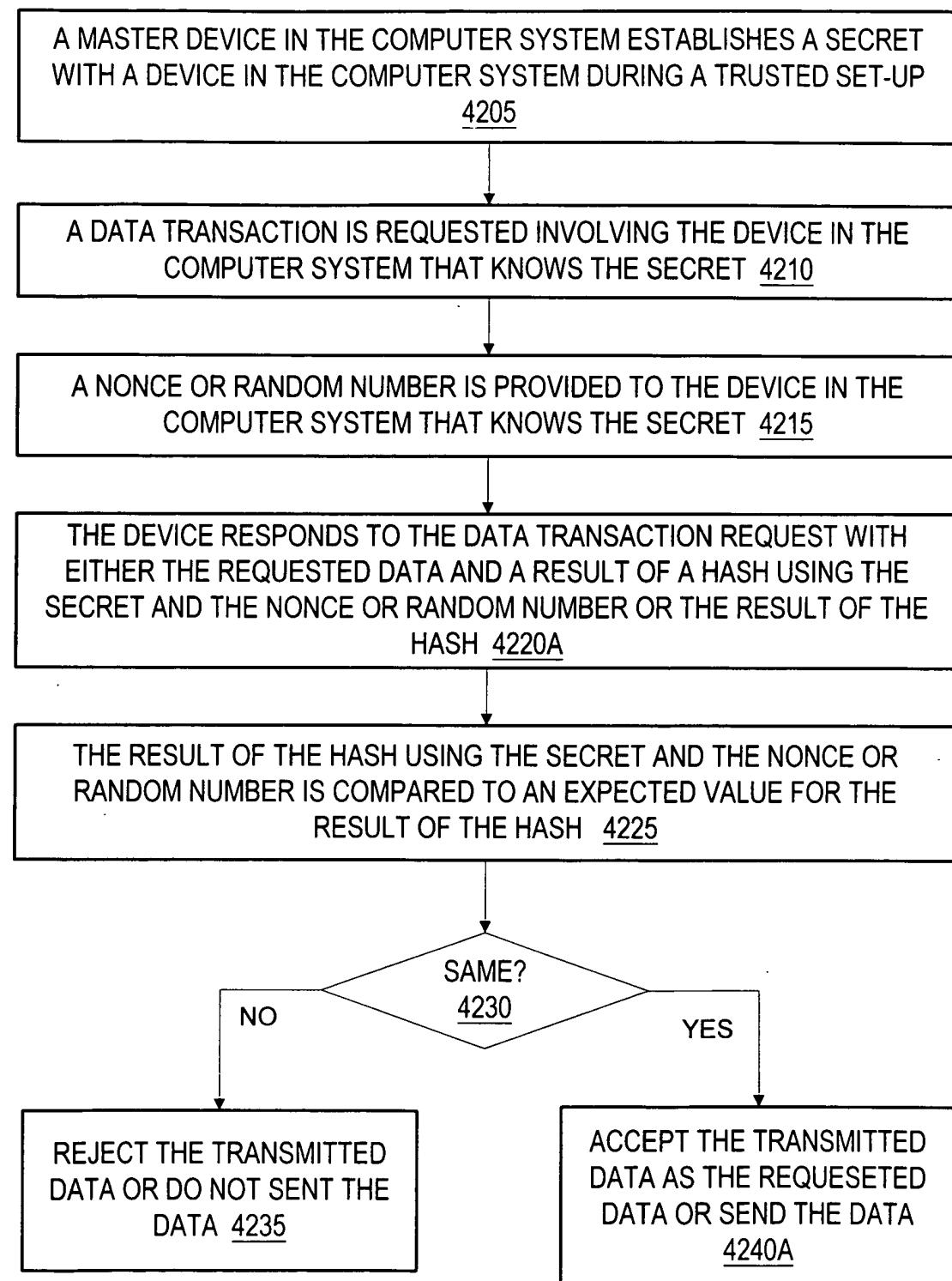


Fig. 31A

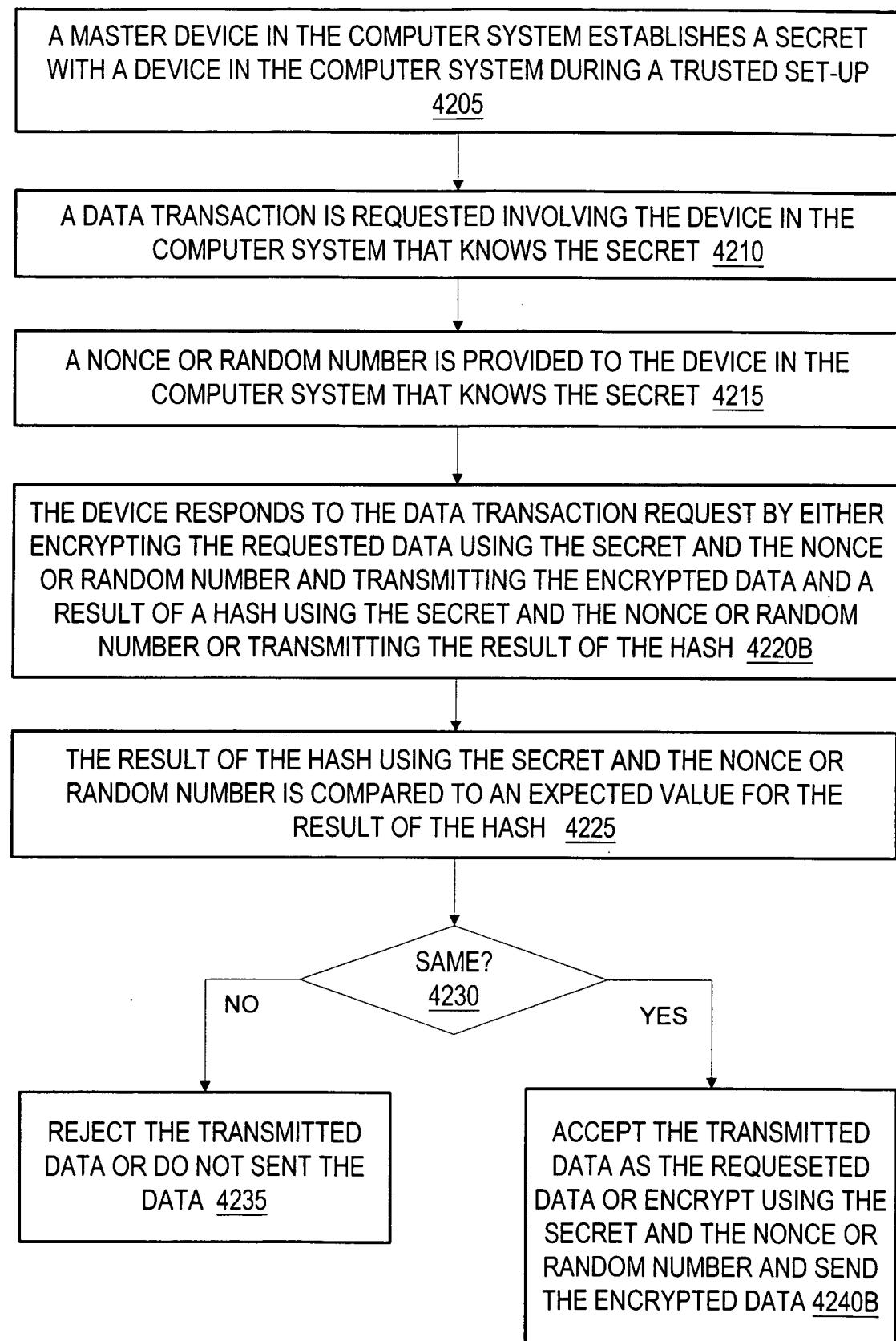


Fig. 31B

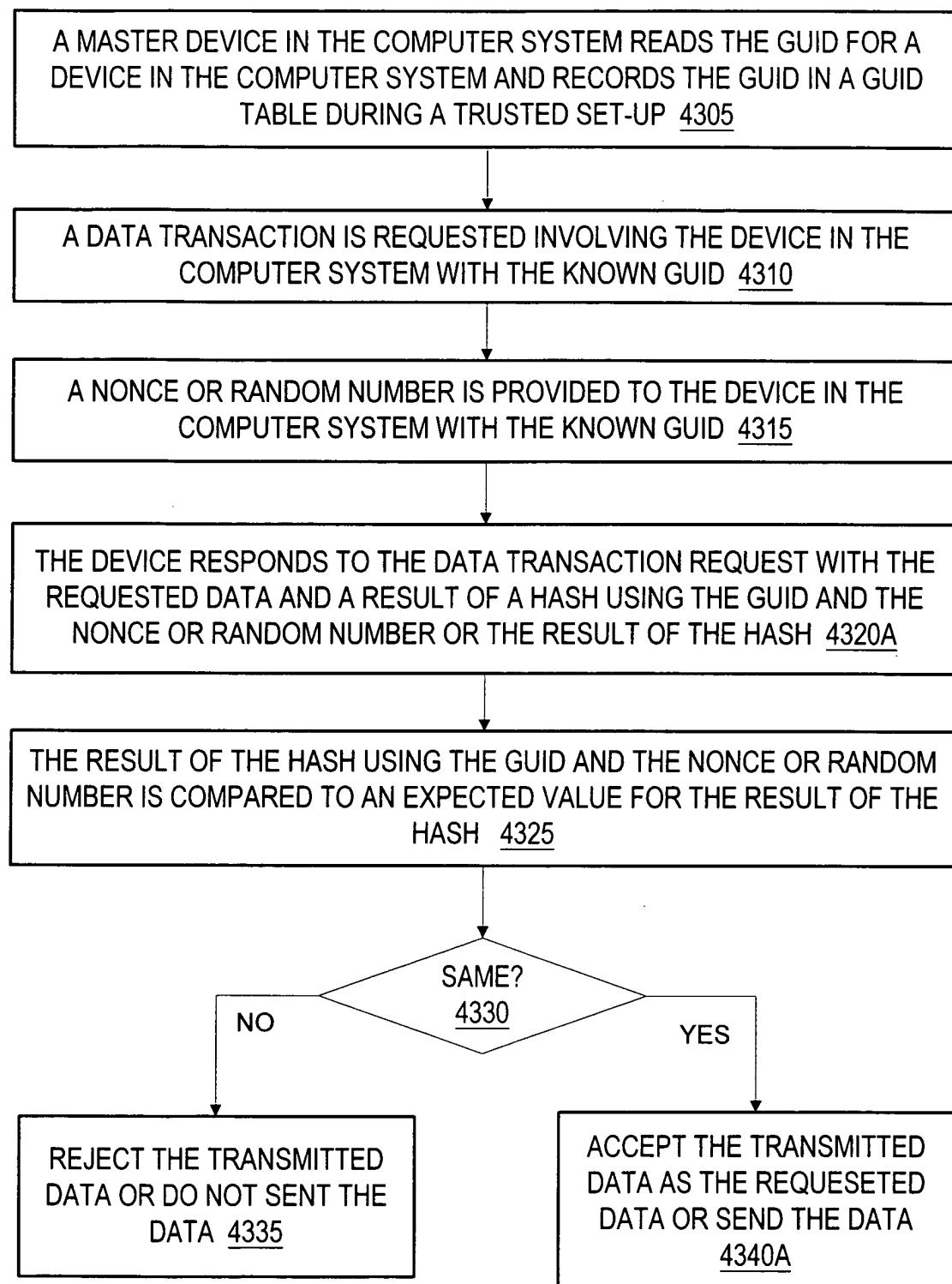


Fig. 32A

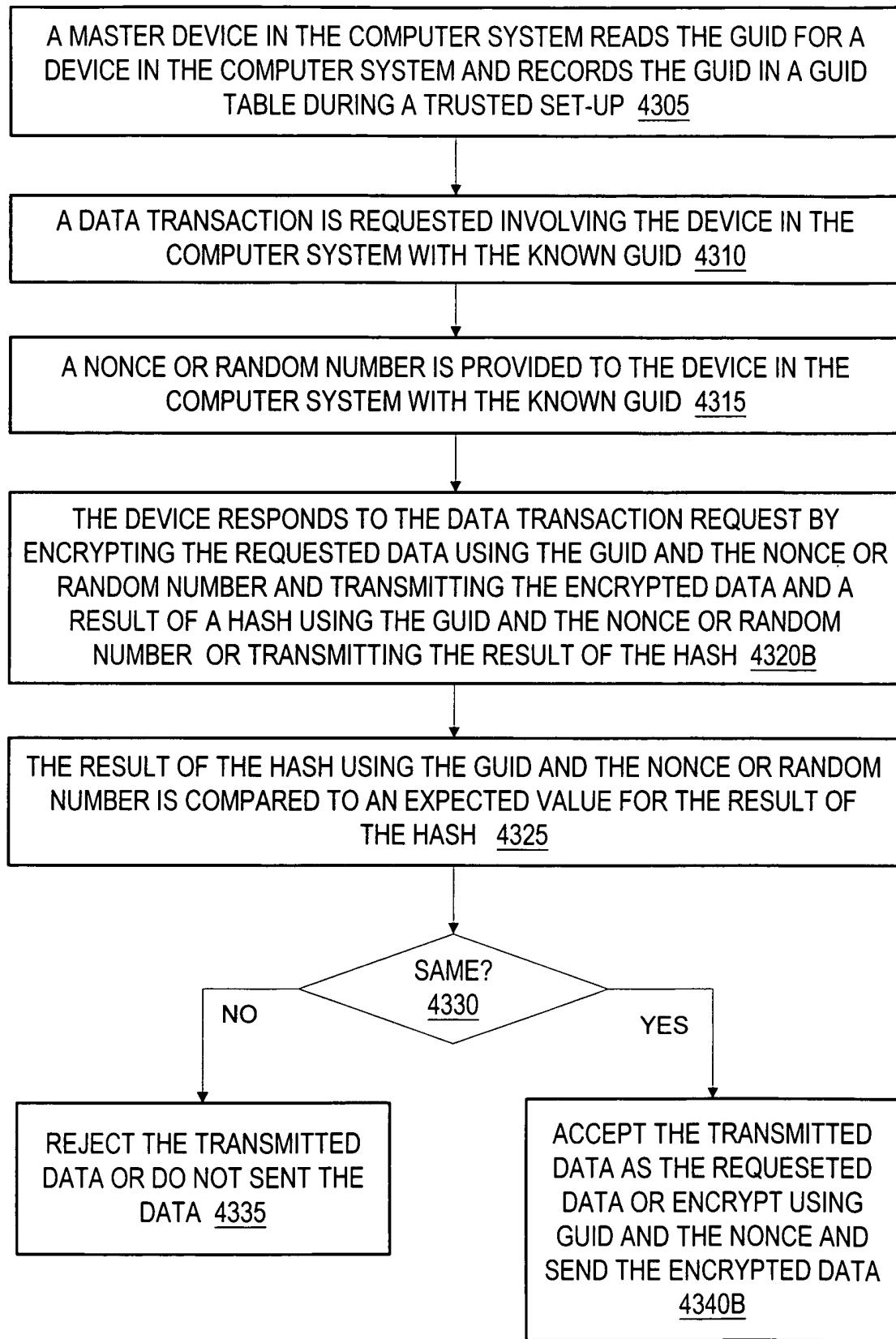


Fig. 32B

A MASTER DEVICE IN THE COMPUTER SYSTEM READS THE GUID FOR A DEVICE IN THE COMPUTER SYSTEM, RECORDS THE GUID IN A GUID TABLE, AND TRANSMITS A SECRET TO THE DEVICE DURING A TRUSTED SET-UP

4306

A DATA TRANSACTION IS REQUESTED INVOLVING THE DEVICE IN THE COMPUTER SYSTEM WITH THE KNOWN GUID THAT KNOWS THE SECRET

4311

A NONCE OR RANDOM NUMBER IS PROVIDED TO THE DEVICE IN THE COMPUTER SYSTEM WITH THE KNOWN GUID THAT KNOWS THE SECRET

4316

THE DEVICE RESPONDS TO THE DATA TRANSACTION REQUEST BY ENCRYPTING THE REQUESTED DATA USING THE SECRET, THE GUID, AND THE NONCE OR RANDOM NUMBER AND TRANSMITTING THE ENCRYPTED DATA AND A RESULT OF A HASH USING THE SECRET, THE GUID, AND THE NONCE OR RANDOM NUMBER OR TRANSMITTING THE RESULT OF THE HASH 4320C

THE RESULT OF THE HASH USING THE SECRET, THE GUID, AND THE NONCE OR RANDOM NUMBER IS COMPARED TO AN EXPECTED VALUE FOR THE RESULT OF THE HASH 4326

SAME?

4330

NO

YES

REJECT THE TRANSMITTED DATA OR DO NOT SENT THE DATA 4335

ACCEPT THE TRANSMITTED DATA AS THE REQUESTED DATA OR ENCRYPT USING THE SECRET, THE GUID, AND THE NONCE AND SEND THE ENCRYPTED DATA 4340C

Fig. 32C

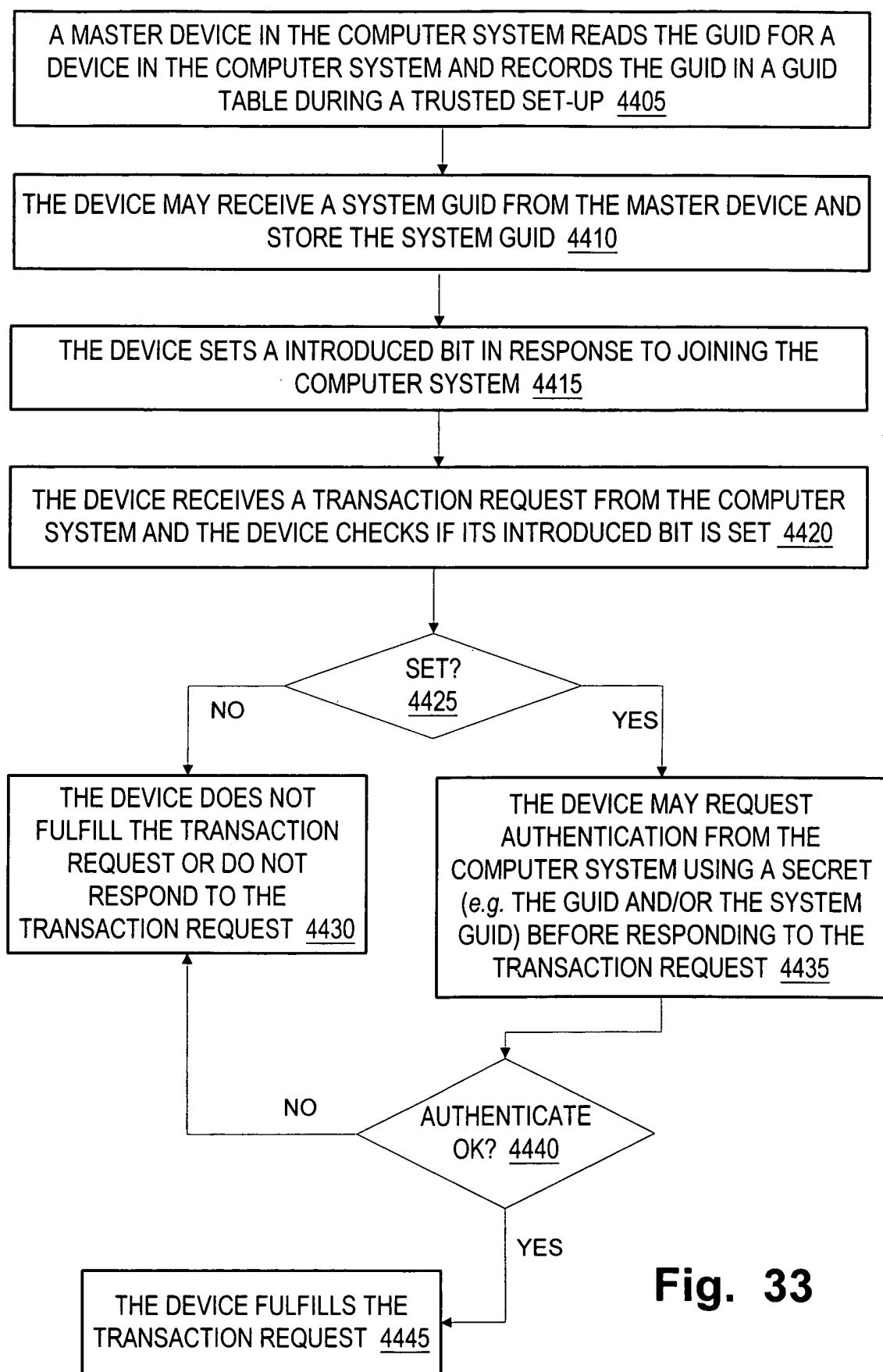


Fig. 33

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4500

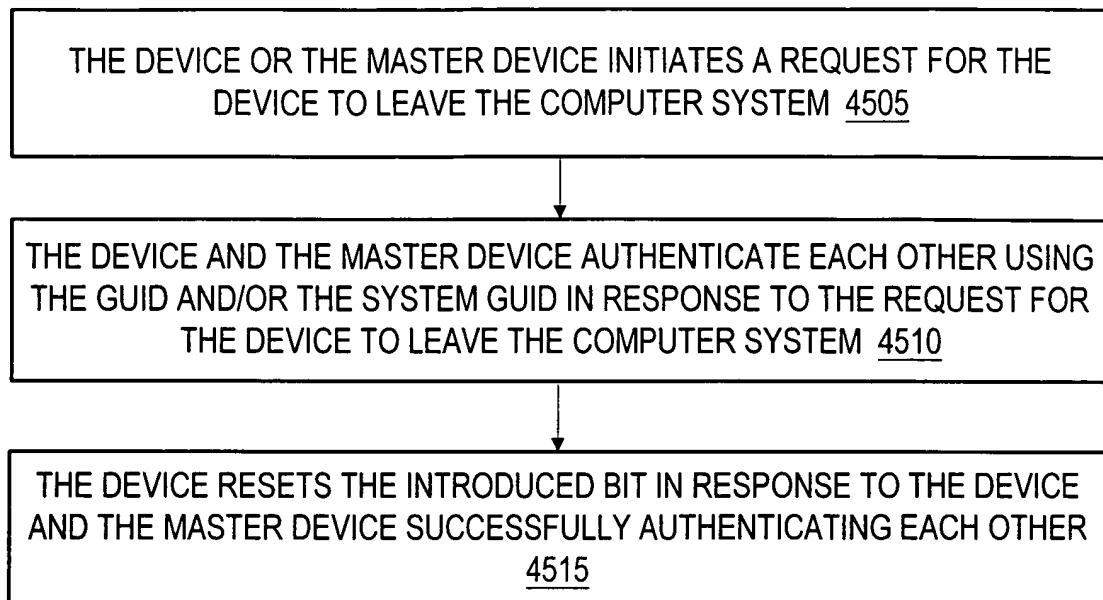


Fig. 34

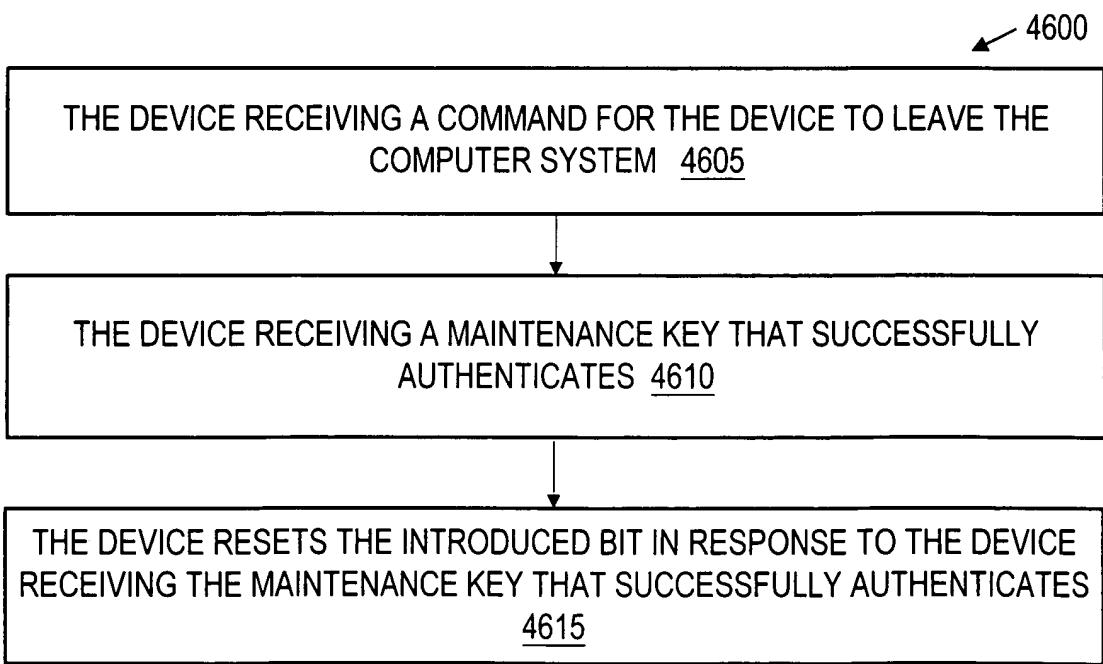


Fig. 35

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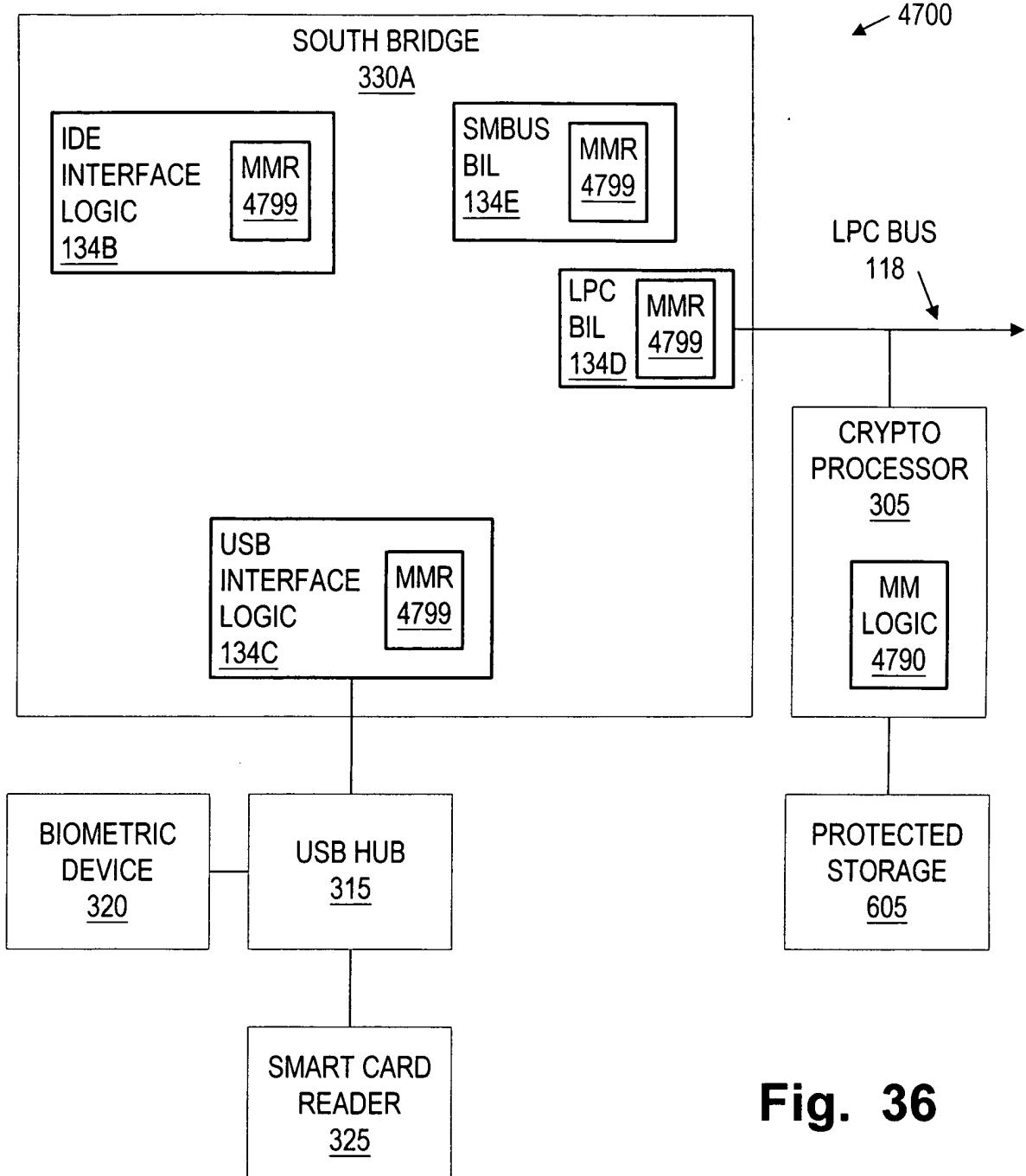


Fig. 36

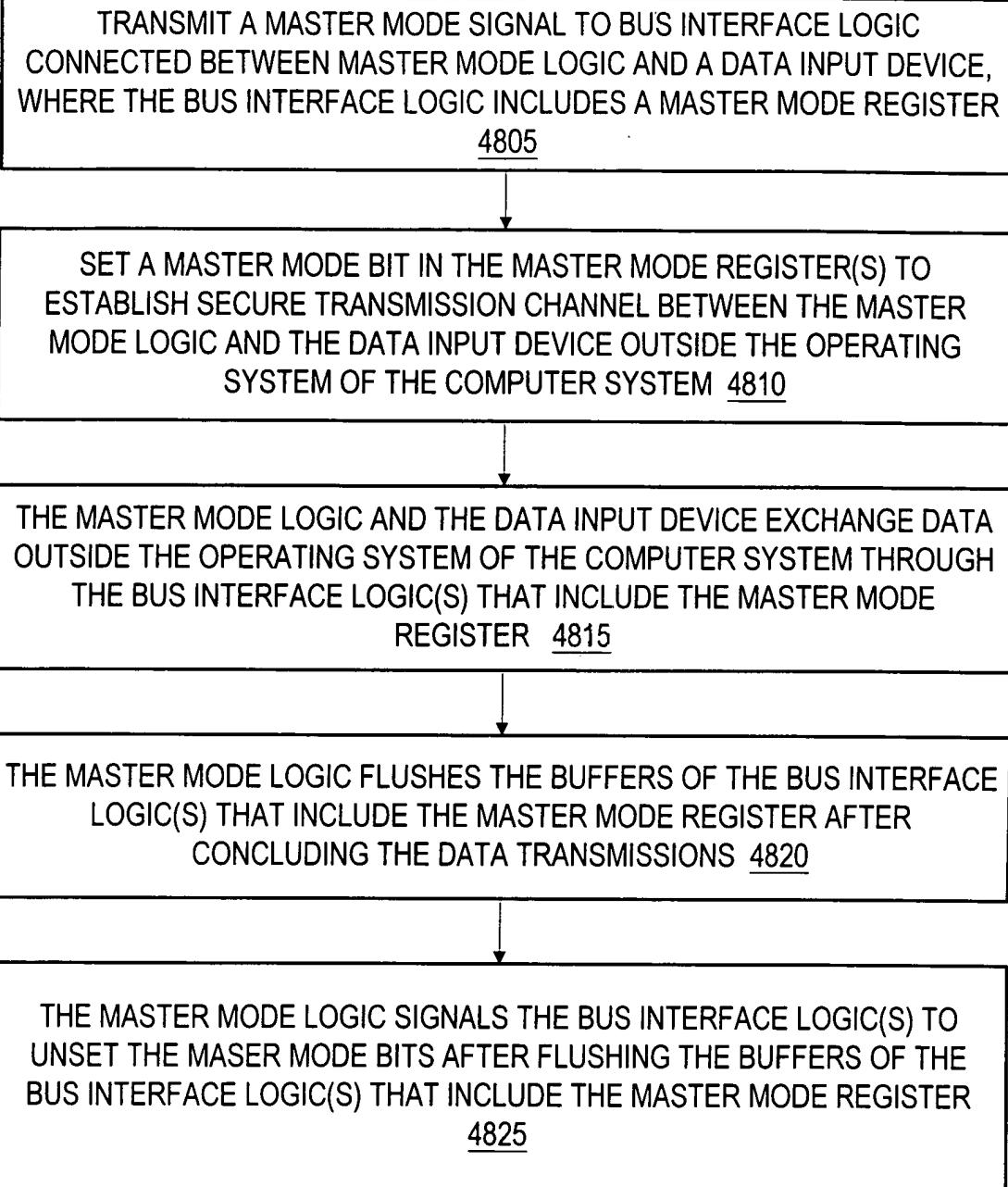


Fig. 37

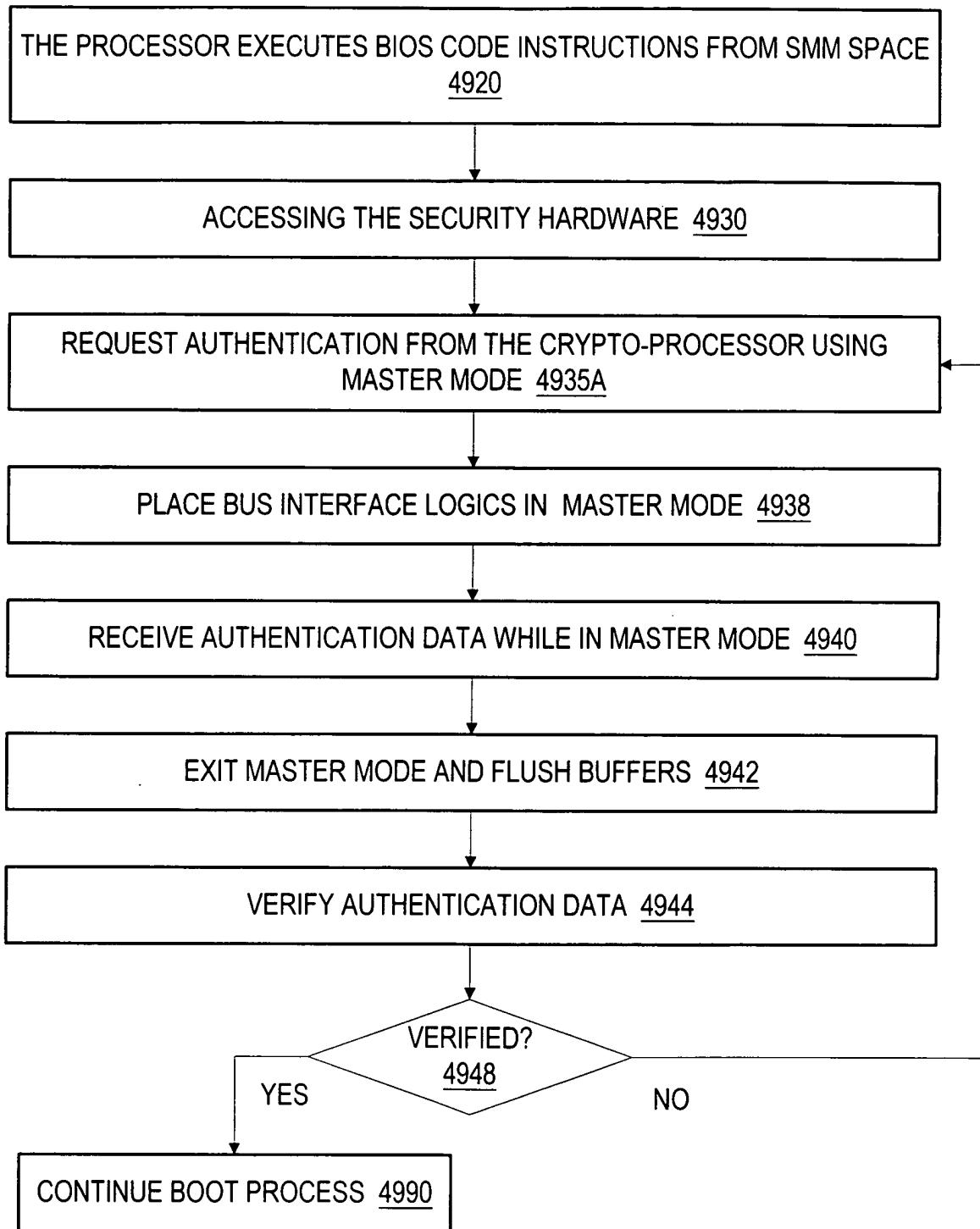


Fig. 38A

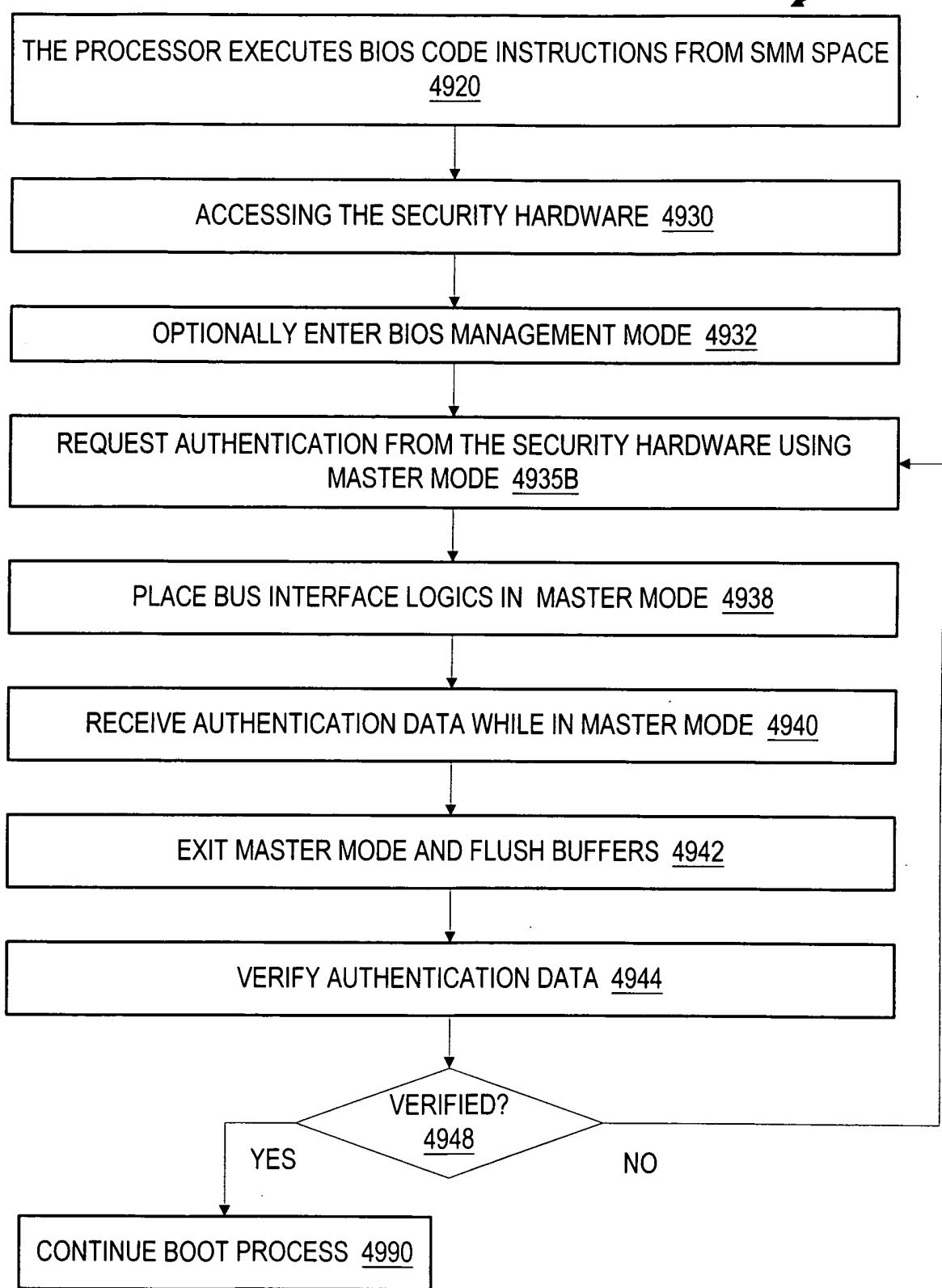


Fig. 38B

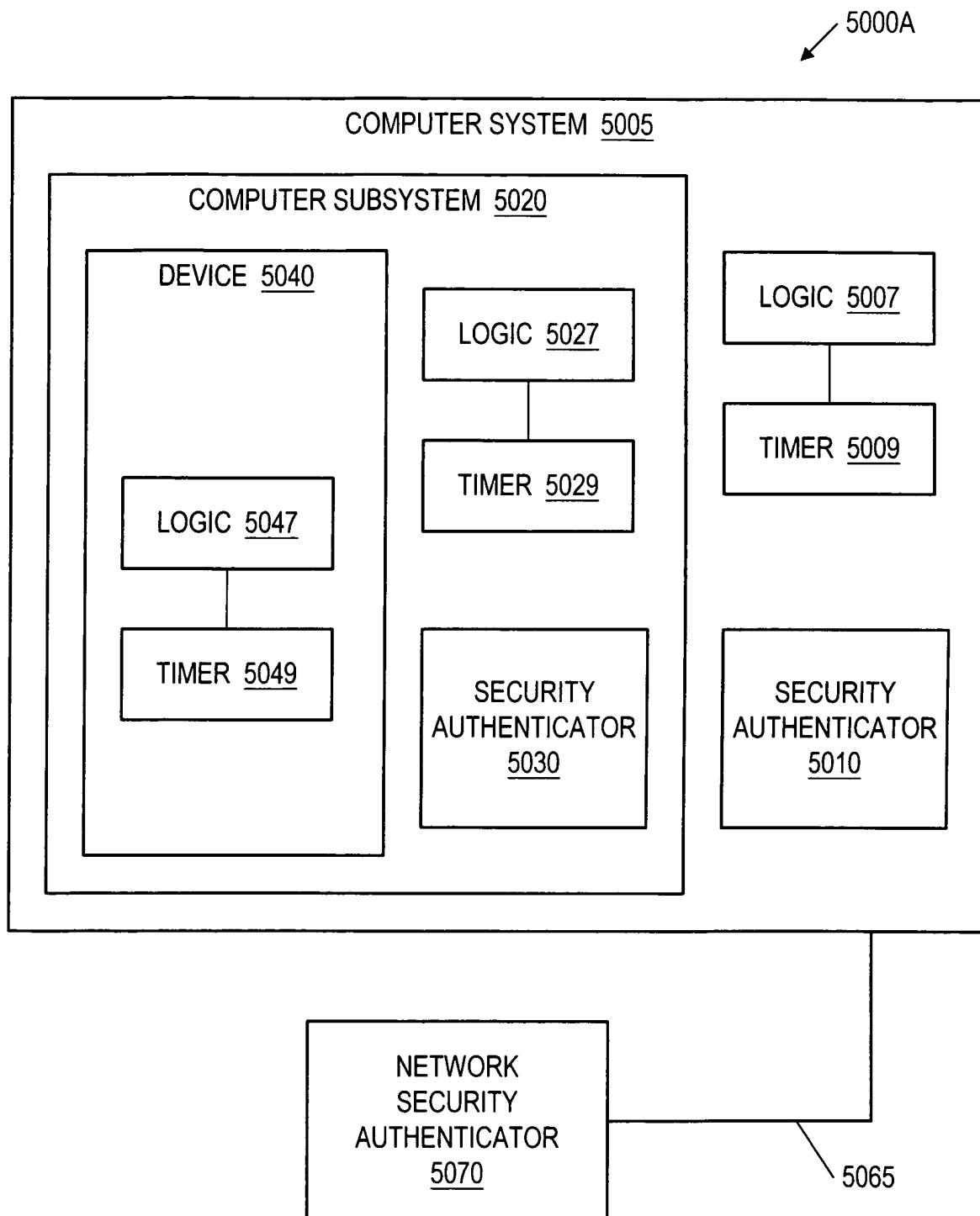


Fig. 39A

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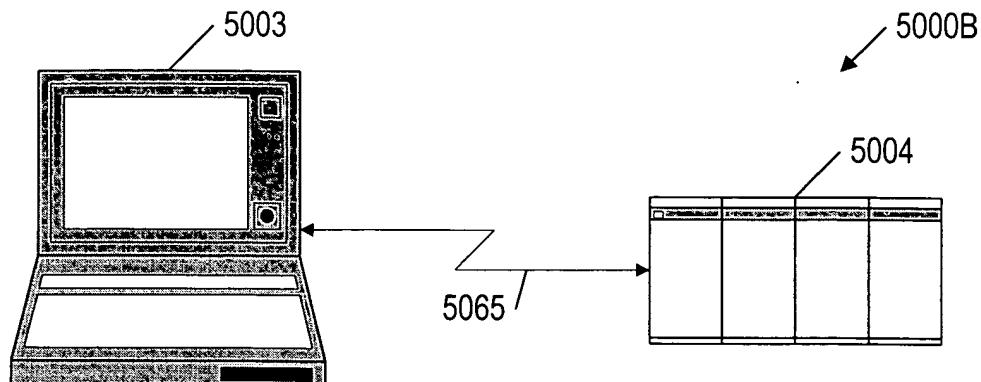


Fig. 39B

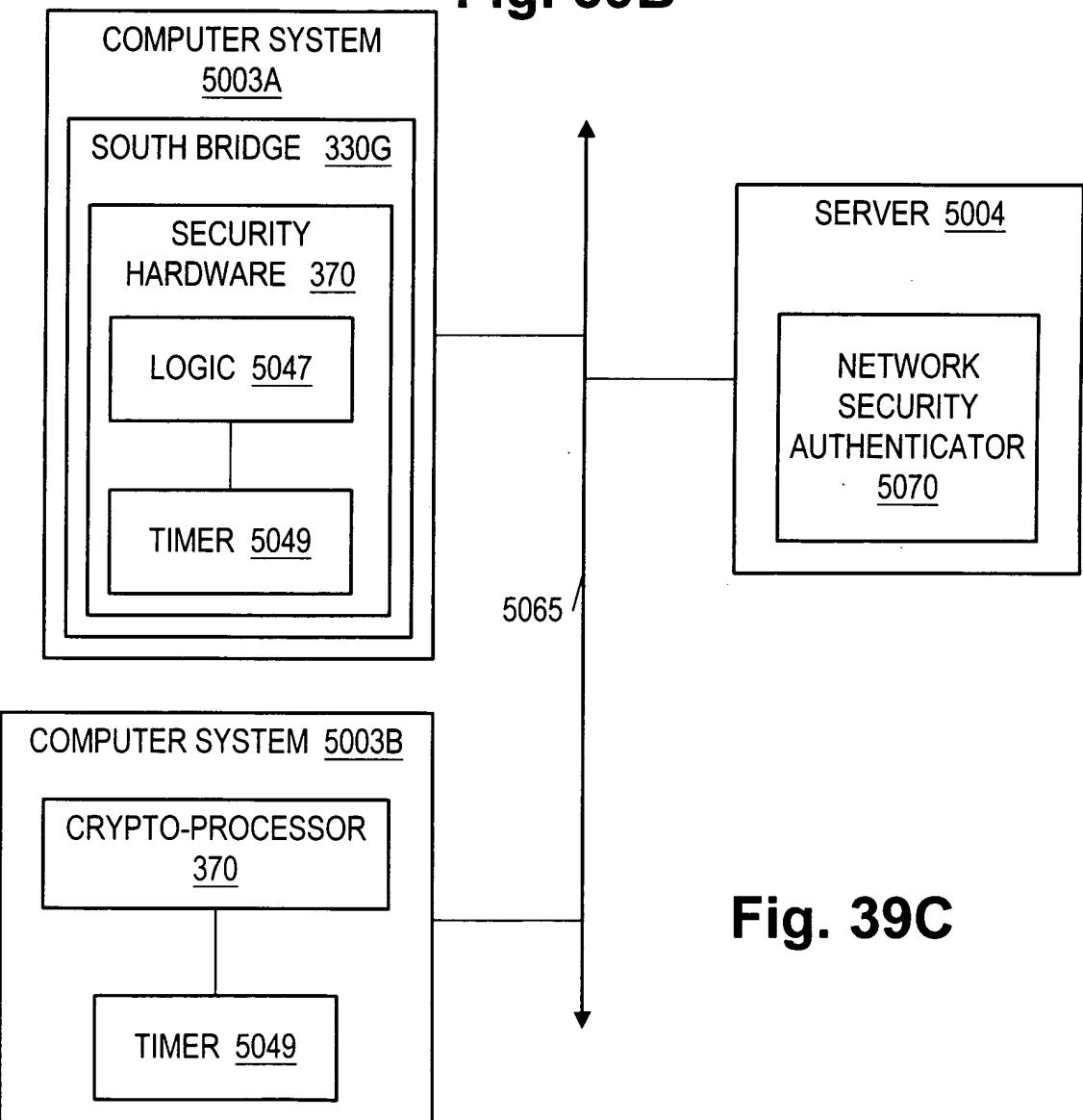


Fig. 39C

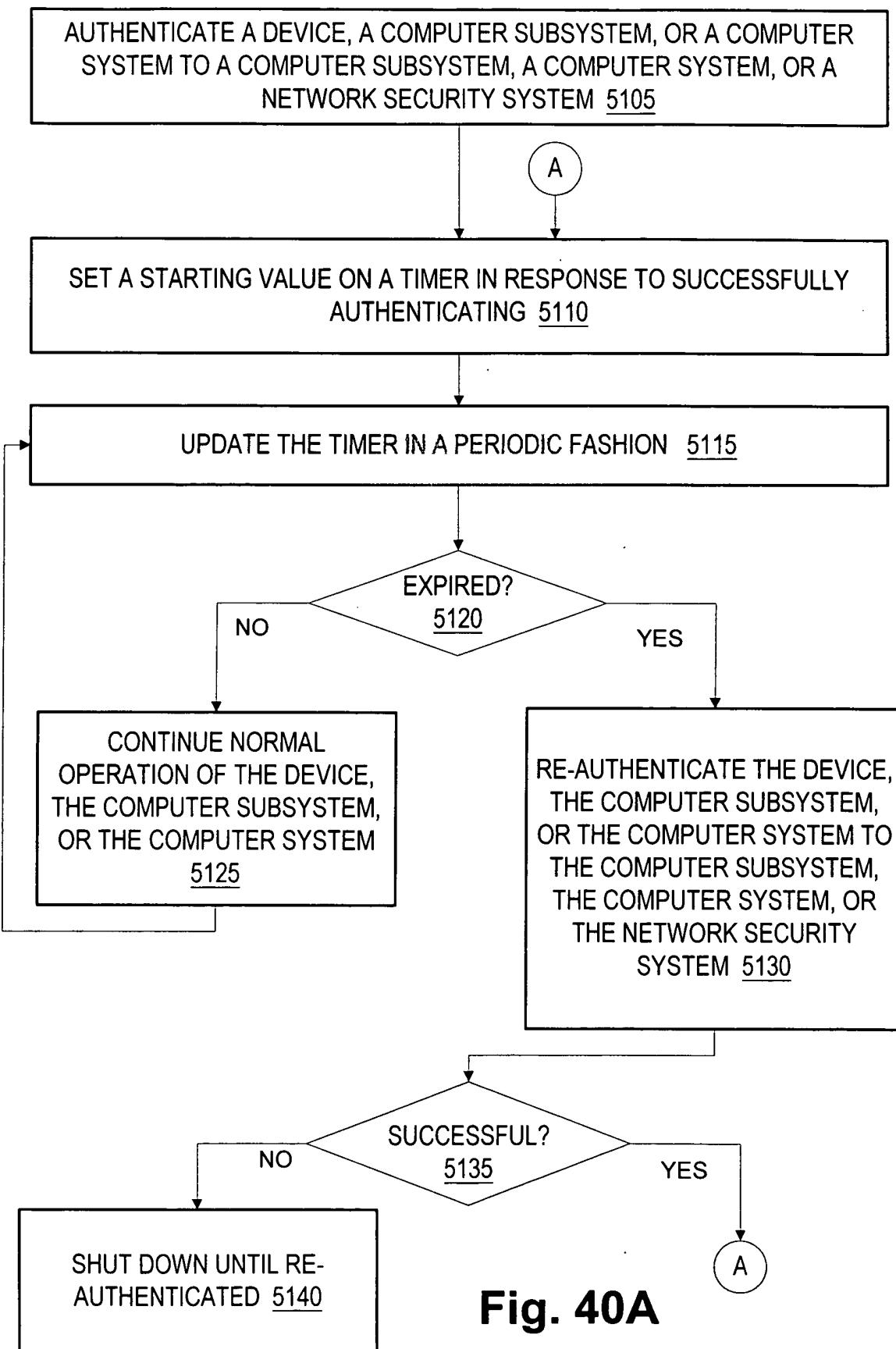
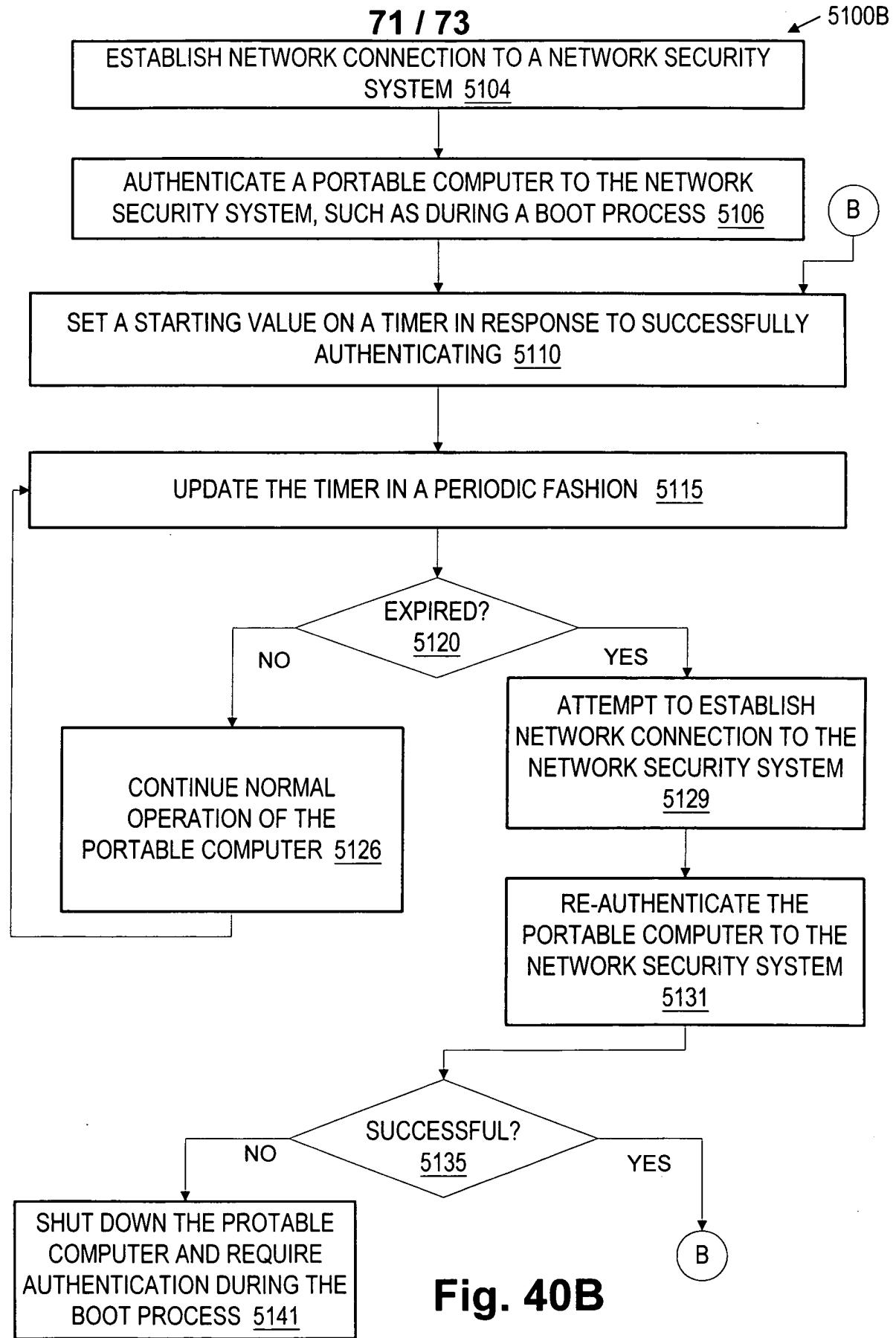


Fig. 40A

**Fig. 40B**

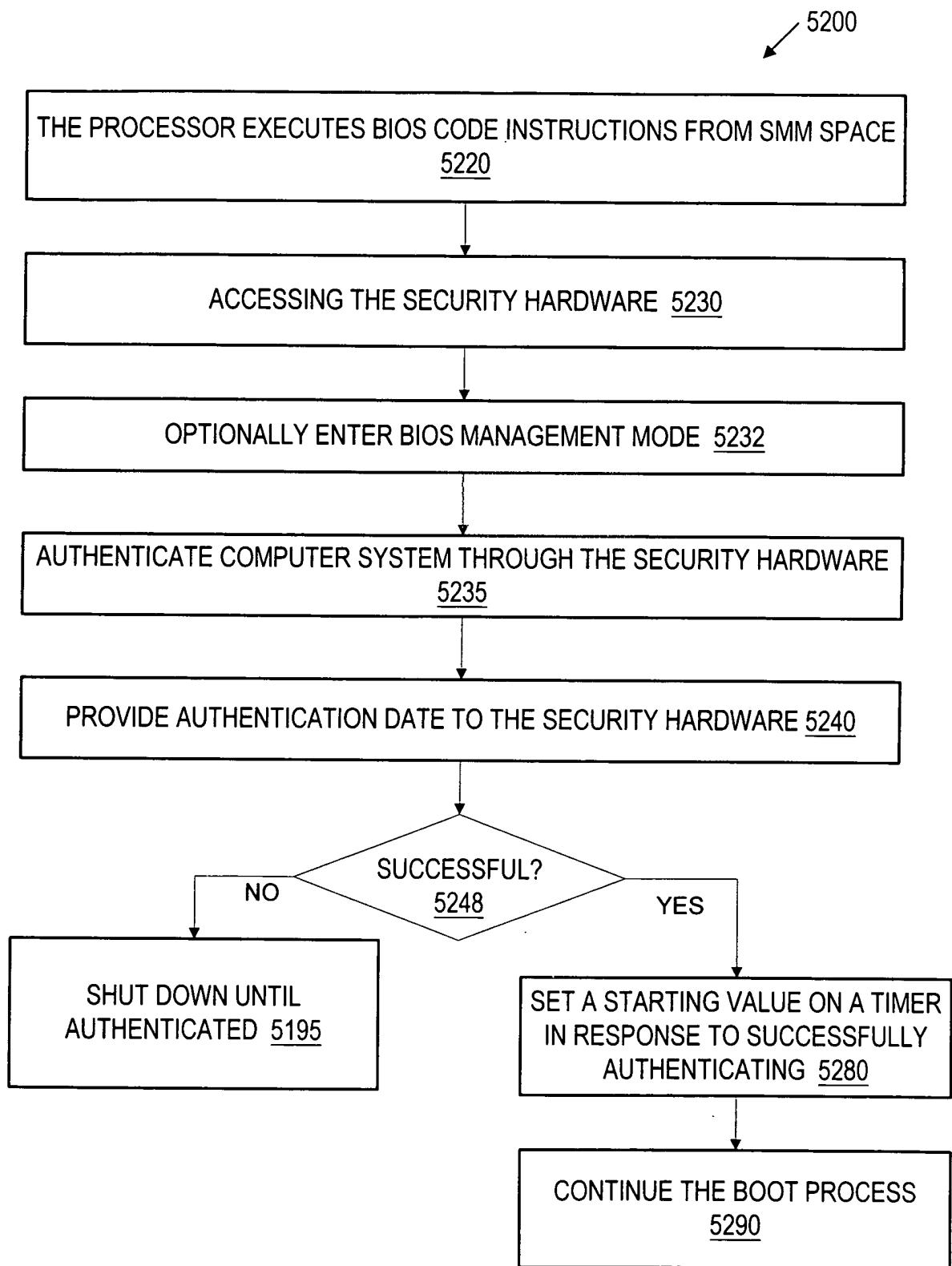


Fig. 41

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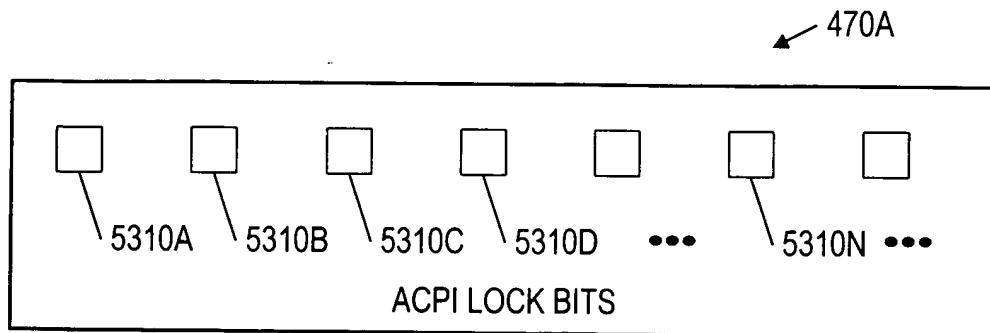


Fig. 42A

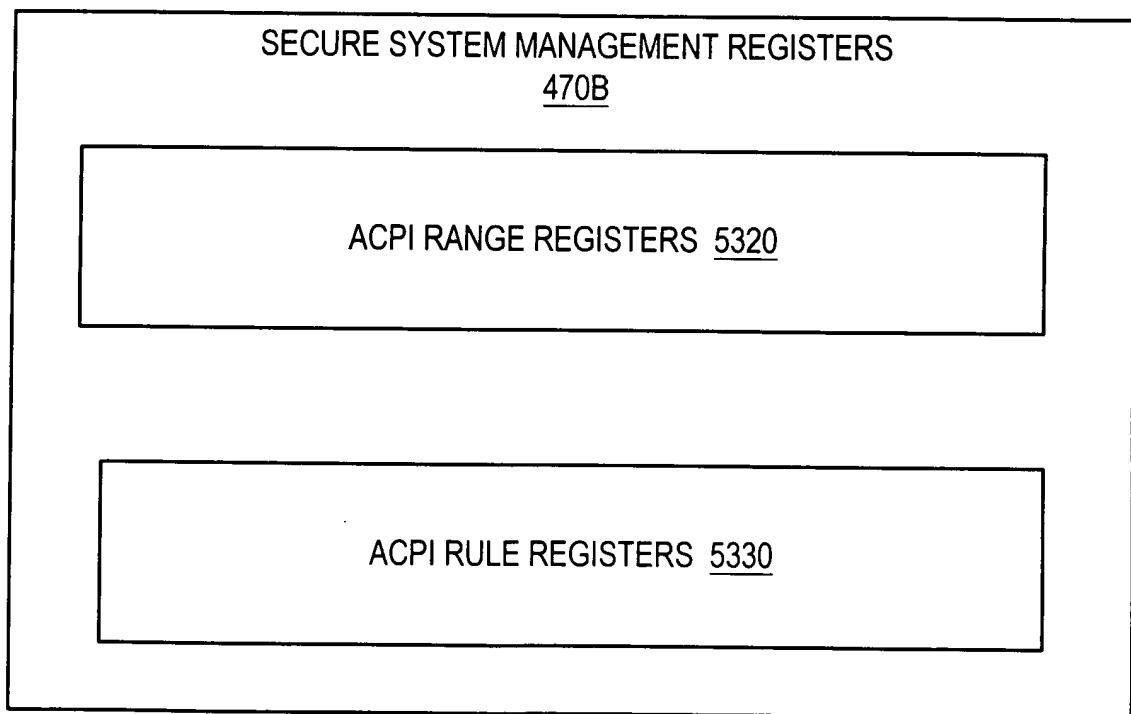


Fig. 42B